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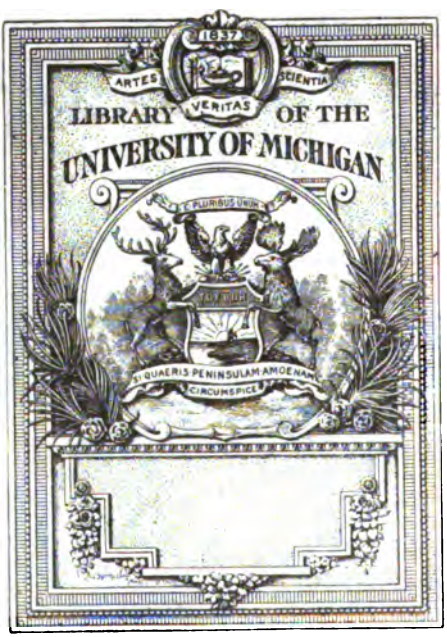
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MOUNT HOLYOKE SEMINARY.

SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL.

MOUNT HOLYOKE SEMINARY_ SOUTH HADLEY, MASS.

(FOR SCIENCE AND ART)

LYMAN WILLISTON HALL.

MOUNT HOLYOKE SEMINARY_ SOUTH HADLEY, MASS.

(FOR SCIENCE AND ART)

Mau

FORTY-NINTH

ANNUAL CATALOGUE

OF THE

Mt. Holyoke Female Seminary

IN

SOUTH HADLEY, MASSACHUSETTS.

1885-6.

NORTHAMPTON:
S. E. BRIDGMAN & CO., PUBLISHERS.
1886.

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Mary P. Dole	*Ashfield.*
Eunice K. Dresser	*Stockbridge.*
Emma A. Engelman	*Cherryville, Penn.*
Anna L. Fisherdick	*Palmer.*
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HELEN E. BRAINERD	*Enfield, Conn.*
ALICE C. BROCKWAY	*South Hadley.*
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ALICE CARTER	*Huntington, L. I.*
M. EVELYN CHURCH	*Phillips, Me.*
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KATHARINE DE WITT	*Troy, N. Y.*
SUSIE A. DUTTON	*Tyngsborough.*
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S. ELIZA BARRETT	*Worcester.*
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ALICE BRISCOE	*Thompsonville, Conn.*
GERTRUDE E. BRONSON	*Winchester, Conn.*
NELLIE E. BROWN	*Enfield.*
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BERTHA A. CHEEVER	*Ware.*
FRANCES M. CHILDS	*Worcester.*
EMMA L. CLAPP	*Newton, N. C.*
ALICE H. CLARK	*Northampton.*
ELIZABETH C. CLARKE	*Samokov, Bulgaria.*
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GRACE H. COOK	*Loudonville, N. Y.*
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MARY E. DUNLAP	*Watertown, N. Y.*
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SUMMARY.

Resident Graduates	3
Senior Class	53
Senior Middle Class	48
Junior Middle Class	73
Junior Class	120
Total	297

CLASSIFICATION BY RESIDENCE.

The United States:	
California	2
Connecticut	39
District of Columbia	2
Illinois	14
Indiana	1
Iowa	2
Maine	11
Maryland	2
Massachusetts	92
Minnesota	2
Missouri	3
Nebraska	2
New Hampshire	12
New Jersey	16
New York	49
North Carolina	2
Ohio	3
Pennsylvania	20
Rhode Island	2
Tennessee	1
Texas	1
Vermont	14
Washington Territory	1
	293
Other Countries:	
Bulgaria	1
Hawaiian Islands	1
India	1
Natal	1
	297

MT. HOLYOKE SEMINARY.

LOCATION AND GROUNDS.

The Seminary stands near the quiet and well-shaded village street. Its grounds, including over sixty acres, lie chiefly in the rear, descending gradually to the edge of a picturesque stream. Beyond the rustic foot-bridge, one finds a pleasant walk leading to the top of Prospect Hill, which commands charming views. Within the last year, a substantial iron bridge has been built, in connection with a drive winding along the hillside to the summit. The tract lying upon the hill, embracing some thirty acres, bears the name of Goodnow Park, in honor of the donor, Hon. E. A. Goodnow of Worcester. The pond is furnished with boats and boathouse; and rowing is much enjoyed by the young ladies.

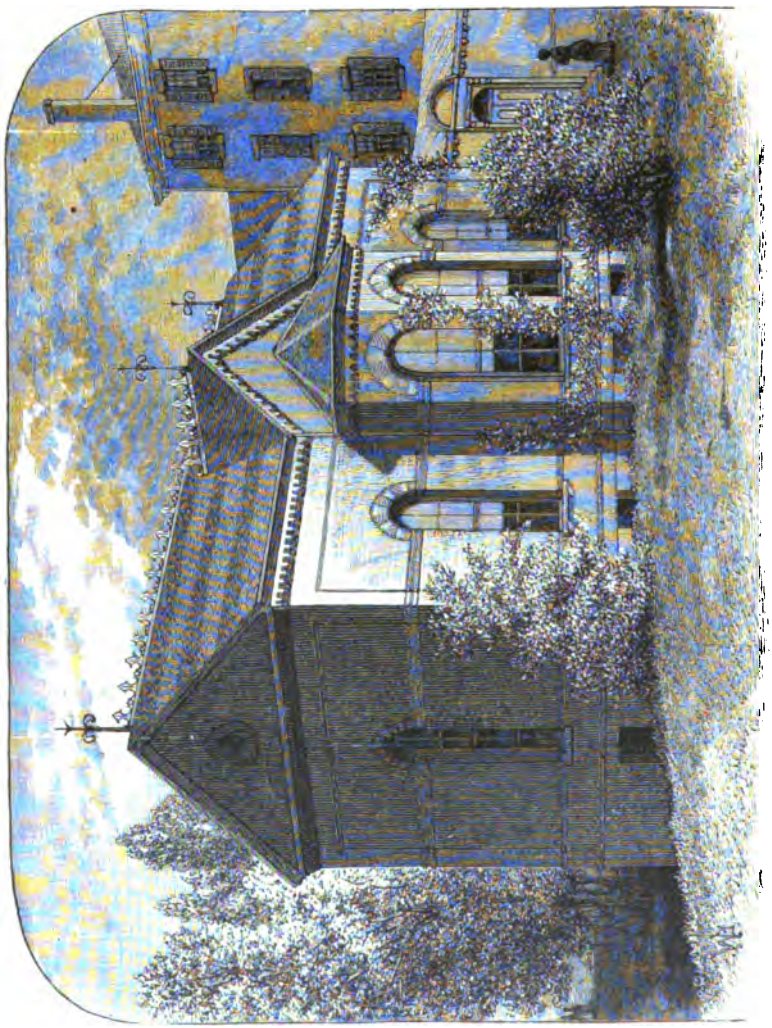
BUILDINGS.

The main edifice, which fronts west, has at each end a wing extending eastward; the extremities of the two wings are connected by the gymnasium, thus enclosing a quadrangle.

Steam-heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance, from an artesian well four hundred and fifty feet deep.

The library is a fire-proof building directly north of the main edifice, and connected with it, as shown in the frontispiece. Within, it is well lighted and handsomely finished. The bookcases and other furniture are of carved black walnut. The alcoves are so arranged as to form cozy nooks for readers, to whom the library is open thirteen or fourteen hours each day. The present number of volumes is between eleven and twelve thousand; and, as these have been carefully selected with reference to the courses of study, a wide range of authorities can be consulted on whatever subject. The reading-room is well supplied with newspapers and periodicals, home and foreign.

The Lyman Williston Hall (finished in 1876) stands north-east of the other



THE LIBRARY.

buildings, surrounded by a spacious lawn. It contains large and well appointed rooms for lectures and recitations, extensive cabinets, a chemical laboratory for practical work, and a valuable philosophical apparatus.

The art-gallery occupies the entire upper floor of this building, including

a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon;" "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; and pictures by other well-known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha," from the Royal Gallery at Madrid, of

ASTRONOMICAL OBSERVATORY.

Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," the "Aurora" of Guido Reni, and others. Casts of antique statues and busts; photographs and engravings, to which a set of carbon photographs from Rembrandt's most noted works have lately been added; and collections of ancient coins and bronzes, further illustrate the history of art.

An astronomical observatory was completed in June, 1881. It contains a fine telescope with an eight-inch object-glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq. of Northampton, in memory of his son, JOHN PAYSON WILLISTON.

TERMS OF ADMISSION.

Candidates for admission to the junior class are examined in English Grammar and Analysis, Geography, History of the United States, Mental and Written Arithmetic, Olney's Complete School Algebra, or an equivalent, Physical Geography, Harkness's Latin Grammar and Latin Reader, and Cornelius Nepos, Cæsar, or Sallust.[1] In order that the requisite mathematical discipline may be gained, it is desirable that there be a familiar acquaintance with two or three different authors in higher arithmetic. A careful review of mental arithmetic is also important.

These examinations—which are mostly written—take place regularly at the opening of the school-year; but any candidates who desire, may present themselves Thursday morning, June 10, 1886. A boarding-place for two or three days should be secured in advance.

The time for the admission of pupils is at the commencement of the fall term. The first few weeks of this term are considered probationary, that any who may be found to be particularly deficient in mental discipline, or in maturity of character, may not remain through the year, to their own disadvantage and to the injury of others.

Although well-qualified candidates may be admitted to the junior class at sixteen years of age, it is better that they should be seventeen or eighteen. None should enter the senior class under twenty.

Pupils are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain through the year. At the expiration of that time it can be decided whether the best interests of the pupil will be promoted by a longer connection with the institution.

COURSE OF STUDY.

The prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may present for examination

[1] The English system of pronunciation is the one used.

any of the earlier studies of the course, which they have thoroughly mastered elsewhere. As classes recite in small divisions, and some branches are taken up at more than one time in the year, arrangements can be made for the progress of those who are somewhat in advance. The facilities for special work in the various departments are constantly increasing, as well as the number of those who pursue some favorite line of study beyond what is required. In most cases, this is done by devoting additional time during the course,—sometimes by post-graduate study.

It is the aim of the course to give a solid and well-balanced education in those things which are fundamental, at the same time encouraging and providing for further study, in whatever department it may be desired. The special courses arranged in French, German, and Greek, as well as in some of the sciences, are intended to be additional to the regular curriculum.

ANCIENT LANGUAGES.—Latin alone is required for admission. Much attention is at first devoted to grammatical forms and constructions, in respect to which, the previous training of candidates is often found to have been deficient. Subsequently, the literary characteristics of the various authors studied are especially kept in view. In addition to the required course, other Latin classics are frequently read.

In Greek there is an optional course, arranged to occupy four half-years. It includes portions of Homer, Herodotus, Thucydides, Xenophon, Plato, and Demosthenes, together with some of the Greek tragedies. Any who *prefer to do so*, can give to the Greek language the time provided for French or German in the regular course.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, together with a critical analysis of a few of the masterpieces, as presented in the best English versions. After some studies and readings of Indian and other Oriental literature, that of Greece is taken up, with the aid of the works of Mure, Müller, Gladstone, and others. The Homeric poems, and especially the Iliad, are carefully studied in the light of the best literary criticism, as well as the latest archæological discoveries. The Greek drama, together with the arrangement of its theatre, is taken up; and the most celebrated plays are read and discussed by the class. Similar studies of Roman literature are included in the plan, as well as some of mediæval times, in the old Italian authors, the German, and the Norse.

MODERN LANGUAGES.—The regular course prescribes a half-year of

either French or German; besides which, there is an extended optional course in each (for which, see p. 27). The "natural method" is used, and the language studied is from the first the medium of instruction. Selections from many authors are read, including several of the present day; and attention is given to the history of the French and German literatures, as well as to translation from English, and original composition in these languages.

ENGLISH LITERATURE.—The regular course gives topical studies on the history of English literature, from Chaucer to Wordsworth; using, for the general survey, Shaw's Manual and Brooke's Primer, with Green's Short History. Carpenter's "English of the Fourteenth Century" is used in connection with Chaucer. Selected works of Shakespeare, Bacon, Milton, Jeremy Taylor, Dryden, Addison, Goldsmith, Burns, and Wordsworth are critically studied.

The advanced course includes further work in Shakespeare, Milton, and Wordsworth, besides taking up Spenser, Hooker, and Pope; and also some authors of the present day.

ENGLISH COMPOSITION AND RHETORIC.—During the first year, recitations in elementary rhetoric are required in connection with the work in composition, to which certain hours are devoted each week. Each student is instructed personally, as well as in the exercises of the classroom, throughout the entire course. In the third year, a higher rhetoric is taken up in daily recitations, with reference to the structure of English verse, and the principles of criticism.

MATHEMATICS.—The required course includes plane and solid geometry, algebra, and plane trigonometry. Original work is required in connection with geometry. Further mathematical instruction is given if desired. In higher algebra, Phillips and Beebe's Graphic is used, in addition to Olney's.

PHYSICS.—The subjects chiefly taken up in the regular course are hydrostatics, pneumatics, acoustics, heat, light, electricity, and magnetism. The recitations are accompanied by lectures and illustrative experiments by the teacher, and there is also a biennial course of lectures by a non-resident professor. The apparatus is excellent, and there is opportunity for laboratory work.

ASTRONOMY.—The proscribed course takes up, in recitations, the fundamental facts and principles of the science, including something of its history, as well as recent theories and discoveries. Numerous celestial

objects are repeatedly shown to the students, including the sun-spots and solar prominences, the moon, planets, double-stars, star-clusters, and nebulæ. A most important addition to the other advantages provided for astronomical study is the biennial course of lectures by Dr. C. A. Young of Princeton.

Those who desire, and are prepared for advanced work in astronomy, have instruction and practice in the use of the sextant, meridian circle, equatorial telescope, and spectroscope.

CHEMISTRY.—The regular course includes recitations, accompanied with lectures and illustrative experiments by the teacher, and laboratory work performed by the students, under the teacher's supervision. There is also a yearly course of lectures by a non-resident professor. The subjects taken up in lectures and recitations include chemical theories, the non-metallic elements and their compounds, and the more important metals, with something of organic chemistry. Advanced students take laboratory work in qualitative analysis, including both blowpipe and wet analysis.

MINERALOGY AND GEOLOGY.—In the second year, there is a short course of recitations in mineralogy, taking up its general facts and principles; the study and identification of numerous specimens from the cabinet are also required. There is opportunity for further study of crystallography, a fine lithological microscope having recently been added to the apparatus for microscopical research. Geology is taken up the third year of the course. In the recitations and lectures, the successive formations are studied, as illustrated in charts and maps of various localities, and especially in the great geological map of the United States, prepared by Professor Hitchcock of Dartmouth, the lecturer in this department. The progress of life is studied in connection with Ward's university series of casts, and the various collections of fossils. The paleontological department also contains a fine collection of the fossil footmarks of the Connecticut Valley.

PHYSIOLOGY AND HYGIENE.—The instruction in this branch is given by the resident physician of the seminary. The structure of the human body is studied from the skeleton, the manikin, and enlarged models of various organs, with occasional dissections of corresponding organs of the lower animals. Practical lectures upon hygiene, as well as physiology, are given in connection with the recitations.

ZOÖLOGY.—The required course begins with an outline of the classifica-

tion of the animal kingdom, and study of the external characteristics of typical forms of vertebrates, using Jordan's Manual. The dissection of one or more of these forms gives the student some idea of their anatomical structure; and similar studies are made of certain invertebrate forms, including the lobster, clam, and earthworm. Some time is devoted also to the lower forms of animal life. In connection with the recitations, lectures are given by the teacher.

BIOLOGY.—This course, which is optional, consists mainly of laboratory work, with occasional lectures on the fundamental facts and principles of general biology. In studying the lower forms of animal life, the course marked out in Brooks's Handbook of Invertebrates is followed. Instruction is given in histology, and in the embryology of the chick; also in microscopical work, including the preparation, staining, and mounting of specimens. In studying the anatomy of vertebrates, Wilder's Anatomical Technology, and Mivart's work on the cat are used; with the assistance of these manuals, the skeleton, muscles, nerves, blood-vessels, and viscera of the cat are thoroughly examined. The dissection of other vertebrates enables the student to compare homologous parts. Other works much consulted are Packard's Zoölogy, Claus's Zoölogy, Flower's Osteology, Huxley's Anatomy of Invertebrates, Huxley and Martin's Practical Biology, Balfour and Foster's Embryology, Balfour's Comparative Embryology, and Owen's Comparative Anatomy.

BOTANY.—The required course begins with the general morphology and classification of phænogams. General histology and physiology are afterwards taken up; and systematic botany is continued, with especial attention to the more difficult orders of phænogams, and the higher cryptogams. Each student is required to present for examination an herbarium of not less than seventy-five plants, and a list of at least two hundred plants analyzed.

The advanced work is mainly in the special study of groups, taking characteristic specimens of grasses, sedges, mosses, vascular cryptogams, and lower plant forms. These are studied with respect to their histology, physiology, classification, and economic uses.

☞ The laboratory work is supplemented by lectures. Students are required to prepare drawings and diagrams of objects studied, and are taught to mount specimens for microscopical use.

The Gray series of text-books is used, supplemented by Lesquereux and James's Mosses of North America, and Farlow's New England Algae.

The works of reference most consulted are the botanies of Bessey, Bowers and Vine, Sachs, and Strasburger; also DeBary's Comparative Anatomy of Phanerogams and Ferns, and Poulsen's Botanical Micro-Chemistry.

HISTORY.—Two courses, one in ancient, and the other in mediæval and modern history, are required. The study is pursued by topics, and requires much use of the library. The philosophy of history is emphasized; and the student is led to reflect on the causes and tenor of events, and the influence of individual minds. Abstracts are frequently required; and special topics are assigned to each student, to be presented before the class. The relation of history to other studies is kept in view, and it is the aim to inspire an enthusiasm which will lead the pupil to more extended historical reading in after-years.

CONSTITUTION OF THE UNITED STATES.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the textbook, and consultation of authorities on the history of the Constitution, various related topics are presented by the teacher, including those political, financial, and social questions of the day, some comprehension of which it is desirable that every educated person should have.

MENTAL AND MORAL SCIENCE.—The required course in these studies continues during a large part of the senior year. In the former, the textbook is Hickok's Empirical Psychology: among the other authors consulted, are Porter, Hopkins, Bowne, and Harris. In ethics, Hickok's Moral Science is used; with discussions on practical questions, by the class.

THEISM AND CHRISTIAN EVIDENCES.—These subjects occupy the latter part of the senior year. No single textbook is adopted; but the leading topics are systematically pursued, and the views of various authors considered. Among the works most consulted are Fisher's Grounds of Theistic and Christian Belief, Wright's Logic of Christian Evidences, and Butler's Analogy.

HISTORY OF ART.—This study is taken up in the senior year, Lübke's History of Art furnishing the outline, with constant use of the best works of reference in each division of the subject. The historical development of art is philosophically traced, with the aid of excellent copies of several of the old masters, casts of antique statuary, and numerous photographs. Courses of lectures are also given by non-resident professors.

SYNOPSIS OF THB COURSE OF STUDY.

JUNIOR YEAR.

Latin: Cicero de Senectute; with exercises in Prose Composition, and in Reading at Sight.—**Mathematics**: Olney's University Algebra and Chauvenet's Geometry.—**History**: Ancient, to the Fall of the Roman Empire.—**Constitution of the United States**: Andrews's Manual.—**Physiology**: Huxley and Youmans.—**Botany**: General Morphology, and Classification of Phænogams.—**Rhetoric**: Hill's Elements, with Exercises in English Composition.—**Elocution**: Instruction in Classes.—**Vocal Music**: Lessons in Choral Classes.—**Gymnastics.**

JUNIOR MIDDLE YEAR.

French or German: Textbooks of Sauveur and Heness.—**Mathematics**: Olney's Trigonometry.—**History**: Mediæval and Modern.—**Botany**: General Histology and Physiology; Systematic Botany continued.—**Mineralogy**: Dana's Manual.—**Zoology**: Packard's; Jordan's Manual of Vertebrates.—**Chemistry**: Houston's, with Eliot and Storer's Manual.—**Elective**: Biology, or advanced Chemistry.—**Elocution**: Class Exercises.—**Vocal Music**: Choral Classes.—**English Composition.—Gymnastics.**

SENIOR MIDDLE YEAR.

Latin: Virgil's Æneid.—**Physics**: Atkinson's Ganot.—**Astronomy**: Newcomb and Holden's.—**Geology**: Dana's.—**English Literature**: Shaw's Manual and Brooke's Primer, with topical studies of authors.—**Rhetoric**: Hepburn's Manual.—**Elective**: Livy or Tacitus; advanced work in Natural Science or Literature.—**Elocution**: Class Exercises.—**English Composition.—Vocal Music**: Choral Classes.—**Gymnastics.**

SENIOR YEAR.

Latin: Cicero de Immortalitate; Selections from Horace.—**Ancient Literature**: Outlines from Quackenbos and Schlegel, with topical studies of authors.—**Psychology**: Hickok's.—**Ethics**: Hickok's Moral Science.—**History of Art**: Outlines from Lübke, and topical studies.—**Theism and Christian Evidences**: Studies from Fisher's Grounds of Theistic and Christian Belief, Wright's Logic of Christian Evidences, and Butler's Analogy.—**English Composition.—Elocution**: Class Exercises.—**Vocal Music**: Choral Classes.—**Gymnastics.**

COURSE OF BIBLE STUDY.

A comprehensive course of Bible study is regularly pursued, in weekly lessons, throughout the four years, as follows:

Junior Year—Genesis and Exodus; the Gospels. *Junior Middle Year*—Joshua, Judges, and Samuel; Acts. *Senior Middle Year*—Kings and Chronicles; Hebrews. *Senior Year*—The Prophetical Books; Romans.

OPTIONAL COURSES IN LANGUAGES.

The following optional courses are pursued in Greek, French, and German: To one who completes either, a special diploma is given, as they are additional to the regular curriculum.

GREEK COURSE.

First Year—White's Lessons and Goodwin's Grammar; Xenophon's Anabasis; Prose Composition. *Second Year*—Selections from Herodotus and Thucydides; Homer's Iliad or Odyssey; Prose Composition. *Third Year*—Demosthenes de Corona, or Olynthiacs; Prometheus of Æschylus; Prose Composition. *Fourth Year*—Plato's Apology; Antigone of Sophocles; Alcestis of Euripides; Prose Composition.

FRENCH COURSE.

First Year—Sauveur's La Parole Française, and Causeries. *Second Year*—Sauveur's Contes Merveilleux, Fables de la Fontaine, and Grammaire Française pour les Anglais. *Third Year*—Select Modern Plays (Sardon, Feuillet, etc.); Sauveur's Entretiens sur la Grammaire; Racine, Molière, Corneille. *Fourth Year*—Translations from English into French (beginning with "Chardenal"), and French Composition; Mme. de Sévigné, Mérimée, Victor Hugo, George Sand: Histoire de la Littérature Française.

GERMAN COURSE.

First Year—Das Deutsche Buch der Sauveur Schule, and Heness's Leitfaden. *Second Year*—Deutsche Grammatik; Grimm's Märchen, Auerbach, Putlitz, Muegge, etc. *Third Year*—Grammatik (Heyse); Schiller, Lessing, Koerner; Selected Poems. *Fourth Year*—Goethe; Ebers, and other recent authors; Geschichte der Deutschen Literatur; translations from English into German, and compositions.

DRAWING AND PAINTING.—Lessons in charcoal-drawing, from casts or models, and in sketching from nature, are furnished without extra charge. A normal class, also, is instructed in the elementary forms of design, and in outline-drawing. Painting is taught, in both water-colors and oils.

MUSIC.—All the students have regular lessons in choral classes. Private instruction in the cultivation of the voice, or in piano music, is at the rate of $15 for twenty lessons, besides the use of the instrument.

Several concerts by first-class artists are given at the Seminary each year.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $175 for the school-year; $100 *to be paid the first Monday of the fall term, and* $75 *the first Monday of the second term.* If, for any reason, the pupil should remain but a part of the year, the charge will be higher,—at the rate of $5.50 per week for the time spent at the Institution. No deduction is made for temporary absences.

It is preferred that payment should be made in checks, on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the Principal.

It is important that the term-bills be paid promptly.

FAMILY ARRANGEMENTS.

All the teachers and students reside in the Seminary, mingling constantly in the familiar intercourse of a well-ordered Christian home. As every young lady has her own small but definite share in securing the comfort of the large household, a family feeling readily springs up, and soon becomes strong. The daily hour spent by each in domestic duties, under systematic planning and skilful supervision, disposes of the ordinary household affairs promptly and well. It gives healthful exercise, cultivates a taste for home occupations, honors labor, and makes the Institution not only less expensive, but more independent than it could be with the scores of servants that would otherwise be required. The pupil sees what system, co-operation, and prompt activity can do; and, in time, she finds herself able, not only to take responsibility, but to enjoy it. And thus, in future years, she will bear her part among the workers of the world with the greater ease and success.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study-hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening nor Saturday.

Friends of the Institution, or strangers desiring to visit it, are at liberty to call upon the teachers at any time most convenient to themselves, the Sabbath excepted.

CARE OF THE HEALTH.

Daily exercise in the open air is ordinarily required; and during most of the year light gymnastics on two days of the week, unless excused by the physician. The gymnasium is spacious, well lighted, and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The lady physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary.

THE SABBATH.

Attendance at church in the morning is required, and also at the Bible recitation in the afternoon.

The young ladies do not make or receive calls upon the Sabbath, nor should they spend a single Sabbath away from the Seminary during term-time. However great may be its privileges elsewhere, the excitement of meeting friends and of visiting must prevent, in a measure, the benefit that might otherwise be gained. The religious influence of the Institution, which, though unsectarian, has always been positive and strong, would be greatly hindered were such absences allowed.

TERMS AND VACATIONS.

FALL TERM begins	Thursday, Sept. 9, 1886.
FALL TERM ends	Wednesday, Dec. 22, 1886.
WINTER VACATION . . .	Dec. 23 to Jan. 4.
WINTER TERM begins . . .	Wednesday, Jan. 5, 1887.

WINTER TERM ends . . .	Thursday, March 24, 1887.
SPRING VACATION . . .	March 25 to April 7.
SPRING TERM begins . . .	Friday, April 8, 1887.
SPRING TERM ends	Thursday, June 23, 1887.

ANNIVERSARY AND PUBLIC EXAMINATIONS.

The public examinations at the close of the present year will commence Tuesday a. m., June 22.

The anniversary exercises will be Thursday, June 24, commencing at eleven o'clock a. m. Address by the Hon. Henry L. Dawes, of Pittsfield.

APPLICATIONS.

Communications relating to admission to the Seminary may be addressed to the Principal, Miss Elizabeth Blanchard. The name, age, attainments, and general characteristics of the applicant should be stated.

TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

It is important that all should come on Wednesday, Sept. 8, that they may be in readiness to commence their examinations Thursday morning.

Each student is expected to furnish her own towels, napkins and napkin-ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Provide clothing suitable for the season and climate, including flannels, woolen hose, thick shoes, overshoes, leggings, and a dress for gymnastic exercises; also an umbrella. All these articles should be brought at the beginning of the school-year. The gymnastic dress may be of flannel (dark blue is preferred), made with blouse-waist, sleeves full, belt loose, and the hem of the skirt seven inches from the floor.

It is desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, especially a Bible dictionary.

Books and stationery can be purchased at the Seminary on reasonable terms.

During the month of May a copy of the catalogue will be forwarded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary is in South Hadley, Mass., not Holyoke.

Persons wishing to come to the Seminary should ordinarily stop at the Smith's Ferry Station, on the Connecticut River Railroad, where stages meet each train. At Holyoke, also, stages meet several of the through trains.

Tickets for Smith's Ferry and checks for baggage can be obtained in New York City, Boston, Albany, and all the large towns on the Boston and Albany Railroad.

There is a telegraph office in South Hadley, in the immediate vicinity of the Seminary.

FORM OF A BEQUEST.

I bequeath to my executors the sum of dollars, in *trust*, to pay over the same in after my decease, to the person who, when the same is payable, shall act as Treasurer of the Mount Holyoke Female Seminary, founded in South Hadley, Mass., in the year eighteen hundred and thirty-seven; to be applied to the uses and purposes of said Seminary, and under the direction of the Trustees of the Seminary.

MOUNT HOLYOKE SEMINARY.

SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL.

MOUNT HOLYOKE SEMINARY_ SOUTH HADLEY, MASS.

(FOR SCIENCE AND ART)

FIFTIETH

ANNUAL CATALOGUE

OF THE

MOUNT HOLYOKE FEMALE SEMINARY

IN

SOUTH HADLEY, MASS.

1886-7.

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S. E. BRIDGMAN & CO., PUBLISHERS.
1887.

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SPRINGFIELD, MASS.

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Astronomy and Physics.

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Geology and Mineralogy.

MISS ADALINE E. GREEN,
Latin and United States Constitution.

MISS CORNELIA M. CLAPP,
Zoology and Gymnastics.

MISS MARY C. BRADFORD,
Latin.

*Absent a part of the year.

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Ancient History and English Composition.

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MISS MARY L. JUDD,
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MISS LAURA A. ROSE,
Elocution.

MISS MARCIA A. KEITH,
Mathematics and Physics.

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Latin and English Composition.

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French and German.

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Mathematics and English Composition.

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Mathematics and Gymnastics.

MISS S. EFFIE SMITH,
Mathematics and English Composition.

MISS SARA A. WORDEN,
Drawing.

MISS FLORENCE E. BALCH,
Vocal Music.

MISS FLORENCE A. GRINNELL,
Instrumental Music.

MRS. MARY A. FOSTER, MRS. R. L. WRIGHT,
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STUDENTS.

RESIDENT GRADUATES.

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Miss Elizabeth F. Post	*New York City.*

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Alice Carter	*Huntington, N. Y.*
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Mary P. Crane	*Dexter, Ia.*
Elizabeth Crowther	*Enfield.*
Katharine De Witt	*Troy, N. Y.*
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Julia M. Edwards	*West Hampton.*
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Annie M. Griggs	*Chaplin, Conn.*

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Mina L. Hummel	*Southold, N. Y.*
Nettie Horton	*Seattle, W. T.*
Isabel Hosack	*Mercer, Penn.*
Isabella Hyde	*Ware.*
Anna S. King	*Thompsonville, Conn.*
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Annie Wooster	*Seymour, Conn.*

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Lizzie C. Banks	*Greenfield Hill, Conn.*
S. Eliza Barrett	*Worcester.*
Mary Bassett	*Brooklyn, N. Y.*
Margaret Bidwell	*Freeport, Ill.*
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Emma M. Blodgett	*Warren.*
Alice I. Boardman	*Sheffield.*

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Nellie E. Brown	*Enfield.*
Sadie K. Chandler	*Worcester.*
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Lena L. Clapp	*Boston.*
Anna M. Cole	*Hampton, N. H.*
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Mary S. Loomis	*Albany, N. Y.*
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Etta L. Morse	*Canton.*
Lulu R. Paden	*Vanceville, Penn.*
Julia B. Page	*Rochester, N. Y.*
Orra A. Parker	*South Coventry, Conn.*
Emma L. Pettee	*Sharon.*
Grace F. Pettengill	*Brooklyn, N. Y.*
Belle Pyle	*Youngstown, O.*
Loula M. Rhyne	*Paw Creek, N. C.*
Addie M. Rider	*Plainville, Conn.*
Mary E. Ross	*Springfield.*
Elizabeth M. Shuey,	*N. Y. City.*
Emily C. Silkman	*Yonkers, N. Y.*
Sarah M. Smith	*Brentwood, N. H.*
Anna M. Smythe	*Freeport, Ill.*
Alice C. Sparks	*Nashville, Tenn.*
Lucy A. Stearns	*Saco, Me.*
Fairene M. Stone	*Troy, N. Y.*

KATE B. SWIFT	*Springfield.*
LORAINE M. N. VAN WAGENEN	*Dedham.*
SARAH E. WISWALL	*Chicago, Ill.*
EMILY P. WOLCOTT	*Tallmadge, O.*

JUNIOR MIDDLE CLASS.

ALICE B. ABBOT	*Brick Church, N. J.*
MARY L. ALLEN	*Hannibal, Mo.*
FRANCES C. BRASTOW	*Rockport, Me.*
GERTRUDE E. BRONSON	*Winchester, Conn.*
CLARA L. BROWN	*Raymond, N. H.*
ALICE H. BUSHÉE	*Morrisville, Vt.*
EMILY A. CARTER	*Warren, Conn.*
BERTHA A. CHEEVER	*Ware.*
ELIZABETH C. CLARK	*Samokov, Bulgaria.*
HARRIET H. DOWE	*Brooklyn, N. Y.*
MARY E. DUNLAP	*Watertown, N. Y.*
EMILY H. DUTTON	*Royalton, Vt.*
ETTA M. EATON	*Wells, Me.*
IDA G. GALLOWAY	*Freeport, Ill.*
ANNIE C. GALLUPE	*Bristol, R. I.*
EVA A. GRANT	*Spencer, N. Y.*
ANNIE L. GREEN	*Sterling, Kan.*
EDITH L. F. GROUT	*East Dorset, Vt.*
EVA F. HETTINGER*	*Freeport, Ill.*
ELIZABETH C. HILL	*Auburndale.*
ISABEL M. HODGKINS	*East Brookfield.*
EDITH HOLLANDS	*West Troy, N. Y.*
MARTHA A. HOUSTON	*Thompsonville, Conn.*
MARION E. HUBBARD	*Mc Gregor, Ia.*
MARY L. HUBBARD	*Mc Gregor, Ia.*
RACHEL W. HULSIZER	*Sidney, N. J.*
MARY H. HUMPHREY	*Simsbury, Conn.*
GWENLLIAN HUNT	*Avondale, Penn.*

*Completes the German Course.

Clara A. Hussey	*Brooklyn, N. Y.*
Bertha J. Ives	*New Haven, Conn.*
A. Pauline Jansen	*Quincy, Ill.*
Katherine E. Jansen	*Quincy, Ill.*
Theodora M. Kolb	*Easton, Penn.*
Sadie M. Lake	*Stromsburg, Neb.*
Lunette E. Lamprey	*Acworth, N. H.*
L. Maria Landfear	*New Haven, Conn.*
Edith R. Mays	*Allentown, Penn.*
Margaret McGill	*Dover.*
Marian R. Miller	*Mercer, Penn.*
Alice A. Morris	*Monson.*
Mary L. Patrick	*West Newton.*
Kate H. Pattangall	*Pembroke, Me.*
Grace C. Pitkin	*Akron, O.*
Margaret A. Rhody	*Freeport, Ill.*
Minnie E. Roberts	*Feeding Hills.*
Mary A. Rogers	*Marysville, Cal.*
Laura von Schrader	*Maquoketa, Ia.*
Carrie M. Smock	*Hightstown, N. J.*
Jeanie W. Stokes	*East Hampton, L. I.*
Mary A. Stokes	*East Hampton, L. I.*
Cora A. Stone	*Palmyra, N. Y.*
Ida Stone	*Windsor, Vt.*
Harriet M. Strong	*West Hartford, Conn.*
Anna G. Sykes	*Dorset, Vt.*
Caroline P. Taylor	*Sharon, Conn.*
Mary I. Taylor	*Granby.*
Annie M. Tenney	*Worcester.*
Mary E. Van Deusen	*Ashley Falls.*
Fanny E. Walker	*Warsaw, N. Y.*
Mary S. Warner	*Port Henry, N. Y.*
Mary W. Warner	*Chicago, Ill.*
Maria P. Westcott	*Hopedale.*
Julia M. Wickham*	*Cutchogue, L. I.*
Grace Williams	*Catasauqua, Penn.*
T. Gertrude Williamson	*Mount Vernon, N. Y.*

*Completes the French Course.

JUNIOR CLASS.

Florence H. Alger	*Becket.*
Annie T. Allen	*Harpoot, Turkey.*
Kate Andrews	*Massena, N. Y.*
Annie L. Atwood	*Cambridgeport.*
Cara J. Babcock	*Troy, N. Y.*
Grace B. Baker	*Worcester.*
Lizzie M. Baker	*Salem, N. Y.*
Mabel L. Baker	*Hyannis.*
Mabel Barstow	*Camden, Me.*
Annie L. Bartlett	*Portland, Conn.*
Charlotte Barton	*Mercer, Penn.*
Mellie W. Barton	*Granby.*
Grace L. Bassett	*Youngstown, O.*
Rebecca A. Bassett	*Norfolk, Conn.*
Anna M. Benedict	*Billings, N. Y.*
Grace R. Blair	*West Brookfield.*
Lulu F. Bliss	*New Haven, Conn.*
Mabel S. Bonar	*Marquette, Mich.*
May Boice	*East Orange, N. J.*
Sarah K. Boutwell	*Medford.*
Louise H. Bragg	*Canaan, Conn.*
Sarah M. Buckland	*St. Louis, Mo.*
C. Idella Burgess	*Rockport, Me.*
Alice Burroughs	*Coxsackie, N. Y.*
Belle Bushnell	*Watertown, N. Y.*
Annie Butler	*West Point, N. Y.*
E. Louise Chamberlain	*Grafton.*
Myra S. Chatterton	*Acworth, N. H.*
Frances M. Childs	*Worcester.*
Isadore I. Church	*Chaplin, Conn.*
Carrie T. Clapp	*Easthampton.*
Alice H. Clark	*Northampton.*
Eliza S. Clark	*Amherst.*
Marion W. Clark	*Saybrook, Conn.*
Gertrude W. Coe	*Middlefield, Conn.*
Althea M. Cooke	*Meriden, Conn.*

Grace H. Cook	*Albany, N. Y.*
Frances M. Dickerson	*Atlantic, Ia.*
Agnes J. Doty	*Stonington, Conn.*
Gertrude G. Dudley	*New Haven, Conn.*
Gertrude L. Dustan	*Hartford, Conn.*
Charlotte R. Dutton	*Burlingame, Kan.*
Emily A. Edwards	*West Hampton.*
Susan M. Elmore	*Arlington, Vt.*
Anna H. Farrar	*South Lincoln.*
Grace Farrar	*South Lincoln.*
Isabella H. Fenn	*West Pittston, Penn.*
Edith S. Feustel	*South Hadley Falls.*
Genie C. Fuller	*Topsfield.*
Marian L. Fuller	*Catasauqua, Penn.*
Stella M. Gardner	*Laton, Kan.*
Mary A. Gilbert	*Warren.*
Lydia A. Gile	*North Andover.*
Inez A. Godman	*Baldwin, La.*
Margaret Gordon	*Portland, Conn.*
Annie A. Gould	*Portland, Me.*
Jennie Grant	*Springfield.*
Annie G. Grassie	*Milwaukee, Wis.*
Mary K. Grassie	*Milwaukee, Wis.*
Frances S. Greathead	*McGregor, Ia.*
Rachel Green	*Sayville, L. I.*
Eva M. Grier	*Hulton, Penn.*
Mary M. Grosvenor	*Pomfret, Conn.*
Mary C. Hadsell	*Plainville, Conn.*
Nellie Harvey	*West Barnet, Vt.*
Mary E. Hawks	*South Hadley Falls.*
Ida P. Herring	*Bloomsburg, Penn.*
Mary J. Hills	*Buckingham, Conn.*
Mary R. Hosmer	*Freeport, Ill.*
Bertha M. Huntoon	*Washington, D. C.*
Florence A. Hurlbert	*Forestville, N. Y.*
Sylvia W. Hurlbert	*Forestville, N. Y.*
Harriet M. Hutchinson	*Norwich, Vt.*
M. Elizabeth Hyde	*Andover, Conn.*
Julia L. Jewett	*West Hampton.*

Lucy E. Keith	*Braintree.*
Mary E. Kellogg	*Granby.*
Mary W. Kimball	*Newburyport.*
Lucy E. Kingsbury	*Glastonbury, Conn.*
Nelly H. Kingsley	*Southampton.*
May P. Kirby	*Brooklyn, N. Y.*
Bessie L. Leonard	*Easthampton.*
Amy B. Lindsey	*Marblehead.*
Mary E. Lippincott	*Pemberton, N. J.*
Nettie L. Lord	*Thompsonville, Conn.*
Grace L. Marsh	*Springfield.*
Lucy T. Marsh	*Springfield.*
Lucretia Marcy	*Fairfield, Ia.*
Carrie B. Mayher	*Greeley, Col.*
Mary S. Mayher	*Easthampton.*
Jennie McCampbell	*Marysville, O.*
Charlotte A. McDanolds	*Passaic, N. J.*
Elsie D. McIntyre	*Catasauqua, Penn.*
Eva C. McKean	*Mercer, Penn.*
Lena S. Merriam	*Meriden, Conn.*
Carrie T. Milliken	*Plainfield, N. J.*
Edith R. Miller	*North Brookfield.*
Sarah M. Mills	*Northampton.*
Julia E. Moody	*Chicago, Ill.*
Luette J. Morgan	*Cornish, N. H.*
Cora E. Munson	*Chicago, Ill.*
Cora J. Noyes	*Mendon, Ill.*
Helen H. Nye	*New Bedford.*
Matilda K. Orr	*Amherst.*
Mary I. Park	*Weston, Conn.*
Elizabeth R. Phillips	*North Chelmsford.*
Lenore H. Phillips	*California, Penn.*
Eliza D. Pierson	*Florida, N. Y.*
Lizzie J. Pratt	*Princeton.*
Alice B. Reid	*Greenearth, Penn.*
Edith B. Reynolds	*Maquoketa, Ia.*
Corinne L. Rice	*Sullivan, O.*
Cora I. Riggs	*Santee Agency, Neb.*
Grace T. Riggs	*Palmyra, N. Y.*

Elizabeth M. Robbins	*McKeesport, Penn.*
A. Gale Robinson	*Ishpeming, Mich.*
Rosabel T. Robinson	*Ishpeming, Mich.*
Ella A. Rogers	*Quincy, Ill.*
May Rogers	*Peoria, Ill.*
Pauline Rounds	*Calais, Me.*
Clara Rowley	*North Brookfield.*
L. Belle Sage	*Norwich, N. Y.*
Bessie S. Sampson	*Bedford.*
Amy G. Sanborn	*Kensington, N. H.*
Caroline M. Seely	*Spencer, N. Y.*
Charlotte M. Seymour	*Norfolk, Conn.*
May Seymour	*Meriden, Conn.*
Ellen F. Shepard	*Mason City, Ia.*
Marion G. Smith	*Brooklyn, N. Y.*
Florence G. Stone	*Kennebunkport, Me.*
Louise B. Sturdevant	*Norwich, N. Y.*
Ella E. Taintor	*Lee.*
Jennie M. Taylor	*Granby.*
Caroline M. Telford	*Port Byron, N. Y.*
E. May Thompson	*Marysville, O.*
Nellie A. Waddingham	*Watertown, N. Y.*
Isabel F. Walker	*Groton, Conn.*
Hattie Watrous*	*Berkshire, N. Y.*
Jessie Whitcomb	*Chicago, Ill.*
Mabel A. White	*Portland, Conn.*
Laura H. Wild	*Charlotte, Vt.*
Lizzie Wilkinson	*North Andover.*
Rose M. Willey	*Brunswick, Me.*
Jessica Williams	*Catasauqua, Penn.*
Jessie M. Williams	*Jones' Mills, Penn.*
Anne B. Wilson	*Windsor, Conn.*
Elizabeth V. Wilson	*New York City.*
Edith B. Woods	*Barre.*
Bessie Wright	*Freeport, Ill.*

*Completes the German Course.

SUMMARY.

Resident Graduates	2
Senior Class	47
Senior Middle Class	52
Junior Middle Class	65
Junior Class	149
Total	315

CLASSIFICATION BY RESIDENCE.

The United States:	
California	2
Colorado	1
Connecticut	46
District of Columbia	1
Illinois	17
Iowa	12
Kansas	3
Louisiana	1
Maine	16
Massachusetts	87
Michigan	3
Missouri	2
Nebraska	2
New Hampshire	9
New Jersey	11
New York	52
North Carolina	2
Ohio	7
Pennsylvania	22
Rhode Island	1
Tennessee	1
Vermont	11
Washington Territory	1
Wisconsin	2
	311
Other Countries:	
Bulgaria	1
Hawaiian Islands	1
India	1
Turkey	1
	315

MT. HOLYOKE SEMINARY.

LOCATION AND GROUNDS.

THE Seminary stands near the quiet and well-shaded village street. Its grounds, including over sixty acres, lie chiefly in the rear, descending gradually to the edge of a picturesque stream. Beyond the rustic foot-bridge, one finds a pleasant walk leading to the top of Prospect Hill, which commands charming views. Within the last year, a substantial iron bridge has been built, in connection with a drive winding along the hillside to the summit. The tract lying upon the hill, embracing some thirty acres, bears the name of Goodnow Park, in honor of the donor, Hon. E. A. Goodnow of Worcester. The pond is furnished with boats and boathouse; and rowing is much enjoyed by the young ladies.

BUILDINGS.

The main edifice, which fronts west, has at each end a wing extending eastward; the extremities of the two wings are connected by the gymnasium, thus enclosing a quadrangle.

Steam-heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance, from an artesian well four hundred and fifty feet deep.

The library is a fire-proof building directly north of the main edifice, and connected with it, as shown in the frontispiece. Within, it is well lighted and handsomely finished. The book-cases and other furniture are of carved black walnut. The alcoves are so arranged as to form cozy nooks for readers, to whom the library is open thirteen or fourteen hours each day. The present number of volumes is between eleven and twelve thousand; and, as these have been carefully selected with reference to the courses of study, a wide range of authorities can be consulted. The reading-room is well supplied with newspapers and periodicals, home and foreign.

The Lyman Williston Hall (finished in 1876) stands northeast of

the other buildings, surrounded by a spacious lawn. It contains large and well appointed rooms for lectures and recitations, extensive cabinets, a chemical laboratory for practical work, and a valuable philosophical apparatus.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon;" "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; and pictures by other well known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha," from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," the "Aurora" of Guido Reni, and others. Casts of antique statues and busts; photographs and engravings, to which a set of carbon photographs from Rembrandt's most noted works have lately been added; and collections of ancient coins and bronzes, further illustrate the history of art.

An astronomical observatory was completed in June, 1881. It contains a fine telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, JOHN PAYSON WILLISTON.

TERMS OF ADMISSION.

Candidates for admission to the Junior Class are examined in the following subjects:—

MATHEMATICS.—Mental and Written Arithmetic, Olney's Complete School Algebra, or an equivalent (an elementary work is not sufficient), and four Books of Geometry. In order that the requisite mathematical discipline may be gained, it is desirable that there be a familiar acquaintance with two or three different authors in higher arithmetic. A careful review of mental arithmetic is also important.

Geography, including Physical Geography. History of the United States.

ENGLISH.—(1) Correction of Sentences. (2) A good knowledge of spelling, punctuation, and grammar must be shown by an hour's writing on a simple subject to be assigned.

LATIN.—Latin Grammar and Reader (Harkness' preferred); twenty lessons in Prose Composition; four Books of Cæsar, or an equivalent amount of Cornelius Nepos, or Sallust; five Orations of Cicero. The English system of pronunciation is used.

These examinations—which are mostly written—take place regularly at the opening of the school-year; but any candidates who desire, may present themselves Thursday morning, June 9, 1887. A boarding-place for two or three days should be secured in advance.

The time for the admission of students is at the commencement of the fall term. The first few weeks of this term are considered probationary, that any who may be found to be particularly deficient in mental discipline, or in maturity of character, may not remain through the year, to their own disadvantage and to the injury of others.

Although well-qualified candidates may be admitted to the Junior Class at sixteen years of age, it is better that they should be seventeen or eighteen. None should enter the Senior Class under twenty.

Students are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain through the year. At the expiration of that time it can be decided whether the best interests of the pupil will be promoted by a longer connection with the institution.

COURSE OF STUDY.

The prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may be examined in any of the earlier studies of the course, which they have thoroughly mastered elsewhere. As classes recite in small divisions, and some branches are taken up at more than one time in the year, arrangements can be made for the progress of those who are somewhat in advance. The facilities for special work in the various departments are constantly increasing, as well as the number of those who pursue some favorite line of study beyond what is required. In most cases, this is done by devoting additional time during the course,—sometimes by post-graduate study.

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COURSE OF STUDY.

The prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may be examined in any of the earlier studies of the course, which they have thoroughly mastered elsewhere. As classes recite in small divisions, and some branches are taken up at more than one time in the year, arrangements can be made for the progress of those who are somewhat in advance. The facilities for special work in the various departments are constantly increasing, as well as the number of those who pursue some favorite line of study beyond what is required. In most cases, this is done by devoting additional time during the course,—sometimes by post-graduate study.

It is the aim of the course to give a solid and well-balanced education in those things which are fundamental, at the same time encouraging and providing for further study, in whatever department it may be desired. The special courses arranged in French, German, and Greek, as well as in some of the sciences, are additional to the regular curriculum.

ANCIENT LANGUAGES.—Latin alone is required for admission. Much attention is at first devoted to grammatical forms and constructions, in respect to which, the previous training of candidates is often found to have been deficient. Subsequently, the literary characteristics of the various authors studied are especially kept in view. In addition to the required course, other Latin classics are frequently read.

In Greek there is an optional course, arranged to occupy four half-years. It includes portions of Homer, Herodotus, Thucydides, Xenophon, Plato, and Demosthenes, with some of the Greek tragedies. Any who *prefer to do so*, can give to the Greek language the time provided for French or German in the regular course.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, together with a critical analysis of a few of the masterpieces, as presented in the best English versions. After some studies and readings of Indian and other Oriental literature, that of Greece is taken up, with the aid of the works of Mure, Müller, Gladstone, and others. The Homeric poems, and especially the Iliad, are carefully studied in the light of the best literary criticism, as well as the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is taken up; and the most celebrated plays are read and discussed by the class. Similar studies of Roman literature are included in the plan, as well as some of mediæval times, in the old Italian authors, the German, and the Norse.

MODERN LANGUAGES.—The regular course prescribes a half-year of either French or German; besides which, there is an extended optional course in each (for which, see p. 26). The "natural method" is used, and the language studied is from the first the medium of instruction. Selections from many authors are read, including several of the present day; and attention is given to the history of the French and German literatures, as well as to translation from English, and original composition in these languages.

ENGLISH LITERATURE.—The regular course gives topical studies on the history of English literature, from Chaucer to Wordsworth; using, for the general survey, Shaw's Manual and Brooke's Primer, with Green's Short History. Carpenter's "English of the Fourteenth Century" is used in connection with Chaucer. Selected works of Shakespeare, Bacon, Milton, Jeremy Taylor, Dryden, Addison, Goldsmith, Burns, and Wordsworth are critically studied.

The advanced course includes further work in Shakespeare, Milton, and Wordsworth, besides Spenser, Hooker, and Pope; and also some authors of the present day.

ENGLISH COMPOSITION AND RHETORIC.—During the first year, recitations in elementary rhetoric are required in connection with the work in composition, to which certain hours are devoted each week. Each student is instructed personally, as well as in the exercises of the class-room, throughout the entire course. In the third year, a higher rhetoric is taken up in daily recitations, with reference to the structure of English verse, and the principles of criticism.

MATHEMATICS.—The required course includes plane, solid, and spherical geometry, algebra, and plane trigonometry. Original work is required in connection with geometry. Further mathematical instruction is given if desired. In higher algebra, Phillips and Beebe's Graphic is used, in addition to Olney's.

PHYSICS.—The subjects chiefly taken up in the regular course are hydrostatics, pneumatics, acoustics, heat, light, electricity, and magnetism. The recitations are accompanied by lectures and illustrative experiments by the teacher, and there is also a biennial course of lectures by a non-resident professor. The apparatus is excellent, and there is opportunity for laboratory work.

ASTRONOMY.—The prescribed course takes up, in recitations, the fundamental facts and principles of the science, including something of its history, as well as recent theories and discoveries. Numerous celestial objects are repeatedly shown to the students, including the sun-spots and solar prominences, the moon, planets, double stars, star clusters, and nebulæ. A most important addition to the other advantages provided for astronomical study is the biennial course of lectures by Dr. C. A. Young of Princeton.

Those who desire, and are prepared for advanced work in as-

tronomy, have instruction and practice in the use of the sextant, meridian circle, equatorial telescope, and spectroscope.

CHEMISTRY.—The regular course includes recitations, accompanied with lectures and illustrative experiments by the teacher, and laboratory work performed by the students, under the teacher's supervision. There is also a yearly course of lectures by a non-resident professor. The subjects taken up in lectures and recitations include chemical theories, the non-metallic elements and their compounds, and the more important metals, with something of organic chemistry. Advanced students take laboratory work in qualitative analysis, including both blowpipe and wet analysis.

MINERALOGY AND GEOLOGY.—In the second year, there is a short course of recitations in mineralogy, taking up its general facts and principles; the study and identification of numerous specimens from the cabinets are also required. There is opportunity for further study of crystallography, a fine lithological microscope having recently been added to the apparatus for microscopical research. Geology is taken up the third year of the course. In the recitations and lectures, the successive formations are studied, as illustrated in charts and maps of various localities, and especially in the great geological map of the United States, prepared by Professor Hitchcock of Dartmouth, the lecturer in this department. The progress of life is studied in connection with Ward's university series of casts, and the various collections of fossils. The paleontological department also contains a fine collection of the fossil footmarks of the Connecticut Valley.

PHYSIOLOGY AND HYGIENE.—The instruction in this branch is given by the resident physician of the seminary. The structure of the human body is studied from the skeleton, the manikin, and enlarged models of various organs, with occasional dissections of corresponding organs of the lower animals. Practical lectures upon hygiene, as well as physiology, are given in connection with the recitations.

ZOÖLOGY.—The required course begins with an outline of the classification of the animal kingdom, and study of the external characteristics of typical forms of vertebrates, using Jordan's Manual. The dissection of one or more of these forms gives the student some idea of their anatomical structure; and similar studies are made of certain invertebrate forms, including the lobster, clam, and earth-

worm. Some time is devoted also to the lower forms of animal life. In connection with the recitations, lectures are given by the teacher.

BIOLOGY.—This course, which is optional, consists mainly of laboratory work, with occasional lectures on the fundamental facts and principles of general biology. Sedgwick and Wilson's General Biology, and Brooks's Handbook of Invertebrates, are used in studying the lower forms of life. Instruction is given in histology, and in the embryology of the chick; also in microscopical work, including the preparation, staining, and mounting of specimens. A thorough anatomical study of vertebrates is made, using Wilder's Anatomical Technology, and Mivart's work on the cat. Other works much consulted are Packard's Zoölogy, Claus's Zoölogy, Flower's Osteology, Huxley's Anatomy of Invertebrates, Huxley and Martin's Practical Biology, Balfour and Foster's Embryology, Balfour's Comparative Embryology, and Owen's Comparative Anatomy.

BOTANY.—The required course begins with the general morphology and classification of phænogams. General histology and physiology are afterwards taken up; and systematic botany is continued, with especial attention to the more difficult orders of phænogams, and the higher cryptogams. Each student is required to present for examination an herbarium of not less than seventy-five plants, and a list of at least two hundred plants analyzed.

The advanced work is mainly in the special study of groups, taking characteristic specimens of grasses, sedges, mosses, vascular cryptogams, and lower plant forms. These are studied with respect to their histology, physiology, classification, and economic uses.

The laboratory work is supplemented by lectures. Students are required to prepare drawings and diagrams of objects studied, and are taught to mount specimens for microscopical use.

The Gray series of text-books is used, supplemented by Lesquereux and James's Mosses of North America, and Farlow's New England Algæ. For advanced students Vines's Physiology of Plants. The works of reference most consulted are the botanies of Bessey, Bower and Vines, Sachs, and Strasburger; also DeBary's Comparative Anatomy of Phanerogams and Ferns, and Poulsen's Botanical Micro-Chemistry.

HISTORY.—Two courses, one in ancient and the other in mediæval and modern history, are required. The method of study is topical, requiring constant use of the library. Philosophy of history is em-

phasized. Special topics are often assigned to be presented before the class. It is the aim to inspire an enthusiasm for more extended historical reading.

CONSTITUTION OF THE UNITED STATES.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the text-book, and consultation of authorities on the history of the Constitution, various related topics are presented by the teacher, including those political, financial, and social questions of the day, some comprehension of which it is desirable that every educated person should have.

MENTAL AND MORAL SCIENCE.—The required course in these studies continues during a large part of the senior year. In the former, the text-book is Hickok's Empirical Psychology; among the other authors consulted, are Porter, Hopkins, Bowne, and Harris. In ethics, Hickok's Moral Science is used; with discussions on practical questions, by the class.

THEISM AND CHRISTIAN EVIDENCES.—These subjects occupy the latter part of the senior year. No single text-book is adopted; but the leading topics are systematically pursued, and the views of various authors considered. Among the works most consulted are Fisher's Grounds of Theistic and Christian Belief, Wright's Logic of Christian Evidences, and Butler's Analogy.

HISTORY OF ART.—This study is taken up in the senior year, Lübke's History of Art furnishing the outline, with constant use of the best works of reference in each division of the subject. The historical development of art is philosophically traced, with the aid of excellent copies of several of the old masters, casts of antique statuary, and numerous photographs. Courses of lectures are also given by non-resident professors.

SYNOPSIS OF THE COURSE OF STUDY.

JUNIOR YEAR.

Latin: Cicero de Senectute; with exercises in Prose Composition, and in Reading at Sight. ***Mathematics:*** Olney's University Algebra and Chauvenet's Geometry. ***History:*** Ancient, to the Fall of the Roman Empire. ***Constitution of the United States:*** Andrews's Manual. ***Physiology:*** Huxley and Youmans. ***Botany:*** General Morphology, and Classification of Phænogams. ***Rhetoric,*** with Exercises in English Composition. ***Elocution:*** Instruction in Classes. ***Vocal Music:*** Lessons in Choral Classes. ***Gymnastics.***

JUNIOR MIDDLE YEAR.

French or German: Text-books of Sauveur and Heness. ***Mathematics:*** Olney's Trigonometry. ***History:*** Mediæval and Modern. ***Botany:*** General Histology and Physiology; Systematic Botany continued. ***Mineralogy:*** Dana's Manual. ***Zoology:*** Packard's; Jordan's Manual of Vertebrates. ***Chemistry:*** Houston's, with Eliot and Storer's Manual. ***Elective:*** Biology, Advanced Chemistry, or Mathematics. ***Elocution:*** Class Exercises. ***Vocal Music:*** Choral Classes. ***English Composition. Gymnastics.***

SENIOR MIDDLE YEAR.

Latin: Virgil's Æneid. ***Physics:*** Atkinson's Ganot. ***Astronomy:*** Newcomb and Holden's. ***Geology:*** Dana's. ***English Literature:*** Shaw's Manual and Brooke's Primer, with topical studies of authors. ***Rhetoric:*** Welsh's Complete Rhetoric. ***Elective:*** Livy or Tacitus; advanced work in Natural Science, Literature, or Mathematics. ***Elocution:*** Class Exercises. ***English Composition. Vocal Music:*** Choral Classes. ***Gymnastics.***

SENIOR YEAR.

Latin: Cicero de Immortalitate; Selections from Horace. ***Ancient Literature:*** Outlines from Quackenbos and Schlegel, with topical

studies of authors. ***Psychology:*** Hickok's. ***Ethics:*** Hickok's Moral Science. ***History of Art:*** Outlines from Lübke, and topical studies. ***Theism and Christian Evidences:*** Studies from Fisher's Grounds of Theistic and Christian Belief, Wright's Logic of Christian Evidences, and Butler's Analogy. ***English Composition. Elocution:*** Class Exercises. ***Vocal Music:*** Choral Classes. ***Gymnastics.***

COURSE OF BIBLE STUDY.

A comprehensive course of Bible study is regularly pursued, in weekly lessons, throughout the four years, as follows:—

Junior Year—Genesis and Exodus; the Gospels. *Junior Middle Year*—Joshua, Judges, and Samuel; Acts. *Senior Middle Year*—Kings and Chronicles; Hebrews. *Senior Year*—The Prophetical Books; Romans.

OPTIONAL COURSES IN LANGUAGES.

The following optional courses are pursued in Greek, French, and German: To one who completes either, a special diploma is given, as they are additional to the regular curriculum.

GREEK COURSE.

First Year—White's Lessons and Goodwin's Grammar; Xenophon's Anabasis. *Second Year*—Selections from Herodotus and Thucydides; Homer's Iliad or Odyssey. *Third Year*—Demosthenes's Olynthiacs and Philippics; Prometheus of Æschylus. *Fourth Year*—Plato's Apology; Antigone of Sophocles; Alcestis of Euripides. Prose Composition and reading at sight, each year.

FRENCH COURSE.

First Year—Sauveur's Causeries avec mes Elèves; Fables de La Fontaine, some of them committed to memory; Grammar. *Second Year*—Sauveur's Contes Merveilleux, read and made the subject of conversation; Littérature Française Contemporaine, by Pylodet; Grammaire Française pour les Anglais, by Sauveur; Written

and Oral Exercises. *Third Year*—Sauveur's Grammar concluded; Select Modern Plays; Poetry; Athalie by Racine. *Fourth Year*—Histoire de la Littérature Française, by Cart; Translations from English into French; Compositions; L'Avare, by Molière; Le Cid, by Corneille; Selections from Madame de Sévigné, La Bruyère, Mérimée, Victor Hugo, George Sand, Lamartine.

GERMAN COURSE.

First Year—Object Lessons: Deutscher Anschauungs-Unterricht für Amerikaner, by Wenckebach; Das Deutsche Buch der Sauveur Schule; Grammar; Poetry committed to memory. *Second Year*—Grammar; Written and Oral Exercises; Deutsche Grammatik für Amerikaner, by Wenckebach; Grimm's Märchen; Höher als die Kirche, by Wilh. von Hillern; Undine, by Fouqué; Poetry: Die Schönsten Deutschen Lieder, selected by Wenckebach. *Third Year*—Grammar; German Prose Composition, by Buchheim; Lyric Poems; Die Jungfrau von Orleans, by Schiller; Minna von Barnhelm, by Lessing. *Fourth Year*—History of German Literature; Letters and Compositions; Poetry: Ballads by Goethe, Schiller, and Uhland; Schiller's Wilhelm Tell; Lessing's Nathan der Weise; Goethe's Iphigenie auf Tauris.

DRAWING AND PAINTING.

Lessons in charcoal-drawing, from casts or models, and in sketching from nature, are furnished without extra charge. A normal class, also, is instructed in the elementary forms of design, and in outline-drawing. Painting is taught, in both water-colors and oils,

MUSIC.

All the students have regular lessons in choral classes. Private instruction in the cultivation of the voice, or in piano music, is at the rate of $15 for twenty lessons, besides the use of the instrument.

Several concerts by first-class artists are given at the Seminary each year.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $175 for the school-year; $100 *to be paid the first Monday of the fall term, and* $75 *the first Monday of the second term.* If, for any reason, the pupil should remain but a part of the year, the charge will be higher,—at the rate of $5.50 per week for the time spent at the Institution. No deduction is made for temporary absences.

It is preferred that payment should be made in checks, on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the Principal.

It is important that the term-bills be paid promptly.

FAMILY ARRANGEMENTS.

All the teachers and students reside in the Seminary, mingling constantly in the familiar intercourse of a well-ordered Christian home. As every student has her own small but definite share in securing the comfort of the large household, a family feeling readily springs up, and soon becomes strong. The daily hour spent by each in domestic duties, under systematic planning and skillful supervision, disposes of the ordinary household affairs promptly and well. It gives healthful exercise, cultivates a taste for home occupations, honors labor, and makes the Institution not only less expensive, but more independent than it could be with the scores of servants that would otherwise be required. The student sees what system, co-operation, and prompt activity can do; and, in time, she finds herself able, not only to take responsibility, but to enjoy it. And thus, in future years, she will bear her part among the workers of the world with the greater ease and success.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening nor Saturday.

Friends of the Institution, or strangers desiring to visit it, are at liberty to call upon the teachers at any time most convenient to themselves, the Sabbath excepted.

CARE OF THE HEALTH.

Daily exercise in the open air is ordinarily required; and during most of the year light gymnastics on two days of the week, unless excused by the physician. The gymnasium is spacious, well lighted, and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The lady physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary.

THE SABBATH.

Attendance at church in the morning is required, and also at the Bible recitation in the afternoon.

The young ladies do not make or receive calls upon the Sabbath, nor should they spend a single Sabbath away from the Seminary during term-time. However great may be its privileges elsewhere, the excitement of meeting friends and of visiting must prevent, in a measure, the benefit that might otherwise be gained. The religious influence of the Institution, which, though unsectarian, has always been positive and strong, would be greatly hindered were such absences allowed.

TERMS AND VACATIONS.

FALL TERM begins	Thursday, Sept. 8, 1887.
FALL TERM ends	Wednesday, Dec. 21, 1887.
WINTER VACATION . . .	Dec. 22 to Jan. 3.
WINTER TERM begins . . .	Wednesday, Jan. 4, 1888.
WINTER TERM ends . . .	Thursday, March 22, 1888.
SPRING VACATION . . .	March 23 to April 5.
SPRING TERM begins . . .	Friday, April 6, 1888.
SPRING TERM ends	Thursday, June 21, 1888.

ANNIVERSARY AND SEMI-CENTENNIAL CELEBRATION.

Tuesday evening, June 21, re-union. Wednesday morning, class meetings. Wednesday, at 10 A. M., addresses in church by alumnæ. Wednesday P. M., meeting of the Alumnæ Association in church. Thursday A. M., June 23, anniversary exercises. Historical address, Rev. William S. Tyler, D.D., LL.D., of Amherst.

APPLICATIONS.

Communications relating to admission to the Seminary may be addressed to the Principal, Miss Elizabeth Blanchard. The name, age, attainments, and general characteristics of the applicant should be stated.

TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

It is important that all should come on Wednesday, September 7, that they may be in readiness to commence their examinations Thursday morning.

Each student is expected to furnish her own towels, napkins, and napkin-ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Provide clothing suitable for the season and climate, including flannels, woolen hose, thick shoes, overshoes, leggings, and a dress for gymnastic exercises; also an umbrella. All these articles should be brought at the beginning of the school-year. The gymnastic dress may be of flannel (dark blue is preferred), made with blouse-waist, sleeves full, belt loose, and the hem of the skirt seven inches from the floor.

It is desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, especially a Bible dictionary.

Books and stationery can be purchased at the Seminary on reasonable terms.

During the month of May a copy of the catalogue will be for-

warded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary is in South Hadley, Mass., not Holyoke.

Persons wishing to come to the Seminary, can stop at the Smith's Ferry Station on the Connecticut River Railroad, where stages meet accommodation trains. At Holyoke stages meet express trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in New York City, Boston, Albany, and all the large towns on the Boston and Albany Railroad.

There is a telegraph office in South Hadley, in the immediate vicinity of the Seminary.

FORM OF A BEQUEST.

I bequeath to my executors the sum of dollars, in *trust*, to pay over the same in after my decease, to the person who, when the same is payable, shall act as Treasurer of the Mount Holyoke Female Seminary, founded in South Hadley, Mass., in the year eighteen hundred and thirty-seven; to be applied to the uses and purposes of said Seminary, and under the direction of the Trustees of the Seminary.

MOUNT HOLYOKE SEMINARY.

SOUTH HADLEY, MASS.

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LYMAN WILLISTON HALL.

MOUNT HOLYOKE SEMINARY_ SOUTH HADLEY, MASS.

(FOR SCIENCE AND ART)

FIFTY-FIRST

ANNUAL CATALOGUE

OF THE

MT. HOLYOKE FEMALE SEMINARY

IN

SOUTH HADLEY, MASS.

1887-8.

NORTHAMPTON:
S. E. BRIDGMAN & CO., PUBLISHERS.
1888.

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CORNELIA M. CLAPP,
Zoology and Gymnastics.

MARY C. BRADFORD,
Latin.

*Absent a part of the year.

CLARA W. WOOD,
Ancient History and English Composition.

HENRIETTA E. HOOKER,
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STUDENTS.

RESIDENT GRADUATES.

NAMES.	RESIDENCE.
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Jessie Whitcomb,	*Chicago, Ill.*
Mabel A. White,	*Portland, Ct.*
Laura H. Wild,	*Charlotte, Vt.*
Elizabeth Wilkinson,	*Lawrence.*
Rose M. Willey,	*Brunswick, Maine.*
Edith B. Woods,	*Barre.*
Bessie Wright,	*Freeport, Ill.*

JUNIOR CLASS.

NAMES.	RESIDENCE.
Alice W. Ames,	*Hamilton, Ontario.*
Josephine S. Ames,	*Holden.*
Annie L. Atwood,	*Cambridgeport.*
Cara J. Babcock,	*Troy, N. Y.*
Annie C. Banks,	*Guilford, Ct.*
Harriet E. Barney,	*South Hadley Falls.*
Julia T. Beare,	*New York City.*
Lucy J. Bearse,	*Hyannis.*
Susan Benedict,	*Billings, N. Y.*
Fannie L. Bigelow,	*Framingham.*
Ada L. Blanchard,	*Boston.*
Lulu F. Bliss,	*New Haven, Ct.*
Anne B. Bockée,	*Orange City, Florida.*
Emily M. Boyer,	*Catasauqua, Pa.*
Louise H. Bragg,	*Canaan, Ct.*
Mary H. Buck,	*Foxcroft, Maine.*
Alice Burroughs,	*Coxsackie, N. Y.*
Lottie Bushnell,	*Watertown, N. Y.*
Annie Butler,	*West Point, N. Y.*

NAMES.	RESIDENCE.
Eleanor S. Candler,	*Detroit, Mich.*
Harriet C. Chapman,	*Saybrook, Ct.*
Edith Clark,	*Amherst.*
Eliza S. Clark,	*Amherst.*
Gertrude W. Coe,	*Middlefield, Ct.*
Virginia M. Coe,	*Middlefield, Ct.*
Harriet S. Cooke,	*Kansas City, Missouri.*
Clara E. Crawford,	*North Brookfield.*
Sadie Crookham,	*Oskaloosa, Ia.*
Ella M. Davis,	*Watertown, Ct.*
H. Gertrude Dayton,	*Watertown, Ct.*
Harriet E. Deans,	*West Medway.*
Eva Dillenbeck,	*Lyons, N. Y.*
Addie L. Dodge,	*Buckland.*
Agnes J. Doty,	*Stonington, Ct.*
Gertrude G. Dudley,	*New Haven, Ct.*
Martha L. Durgin,	*Portland, Maine.*
Gertrude L. Dustan,	*Hartford, Ct.*
Alice G. Dyer,	*Knightville, Maine.*
Adaline Emerson,	*Beloit, Wis.*
Nellie J. Fanning,	*Worcester.*
Alice B. Fiske,	*Shelburne.*
Mattie I. Fletcher,	*Lowell.*
Annie J. Forehand,	*Worcester.*
Kate M. Freeman,	*Lima, Ohio.*
Marian L. Fuller,	*Catasauqua, Pa.*
Bertha L. Gilbert,	*North Brookfield.*
Helen E. Goodenough,	*Winchester, Ct.*
Clara L. Graves,	*Hatfield.*
Mary E. Green,	*Shrewsbury.*
Mary L. Gregory,	*Fredericton, N. B.*
Lucy F. Griffith,	*Buffalo, N. Y.*
Florence E. Griswold,	*Guilford, Ct.*
Alice K. Hall,	*Cambridge.*
Mary E. Hall,	*Norwich, N. Y.*
Myra H. Hanson,	*Perrysburg, Ohio.*
Clara Harmon,	*Girard, Ohio.*
Clara K. Hicks,	*Wyoming, Pa.*
Grace L. Hill,	*Worcester.*

NAMES.	RESIDENCE.
Luella A. Horton,	*Boston.*
Mary E. Hyde,	*Andover, Ct.*
Jessie E. Jewett,	*North Yarmouth, Me.*
Annie B. Judd,	*South Hadley.*
Laura M. Kellogg,	*South Hadley.*
Elizabeth G. Kane,	*Waterbury, Ct.*
Margaret A. King,	*Lowell, Vt.*
Lucy E. Kingsbury,	*Glastonbury, Ct.*
Mary A. Kirby,	*Goldsboro, N. C.*
Ruth M. Knowles,	*Orleans.*
A. Louise Lambert,	*Quincy, Ill.*
Lida R. Le Maistre,	*Wilmington, Del.*
Mary A. Leonard,	*Reidville, S. C.*
Addie I. Locke,	*Philippopolis, Roumelia.*
Hattie L. Love,	*South Hadley.*
Emma M. Lyman,	*South Hadley.*
Eva L. May,	*Higganum, Ct.*
Lilian A. McConnel,	*Beaver, Pa.*
Mabel E. Merrick,	*Mechanicville, N. Y.*
Fannie M. Miner,	*Noank, Ct.*
Mary L. Montague,	*South Hadley.*
Mary N. Montague,	*South Hadley.*
Anna B. Newhall,	*Conway.*
Jenny Olin,	*Worcester.*
Grace M. Ottman,	*Carbondale, Pa.*
Lillian G. Parsons,	*West Hampton.*
Lillian W. Patten,	*North Haven, Ct.*
Marion T. Patten,	*North Haven, Ct.*
Izzetta B. Perkins,	*North Brookville, Me.*
Mary J. Perry,	*Southbury, Ct.*
Bertha A. Pierce,	*Claremont, N. H.*
Fannie L. Pierson,	*Florida, N. Y.*
Lizzie J. Pratt,	*Princeton.*
Sadie B. Pritchett,	*Glasgow, Missouri.*
Leila C. Quick,	*South Coventry, Ct.*
Helen F. Randolph,	*Fredericton, N. B.*
Carrie K. Rice,	*New Haven, Ct.*
Mary A. Richards,	*Newark, N. Y.*
Cora I. Riggs,	*Santee Agency, Neb.*

NAMES.	RESIDENCE.
Ethel A. Roberts,	*New York City.*
Mary D. Robinson,	*Goldsboro, N. C.*
May Rogers,	*Peoria, Ill.*
M. Lodema Rogers,	*Albion, N. Y.*
Kate M. Roscoe,	*New Haven, Vt.*
Clara Rowley,	*North Brookfield.*
Martha M. Russell,	*Amherst.*
Mabel J. Sedgwick,	*Palmer.*
May Seymour,	*Meriden, Ct.*
Mary E. Simmons,	*Lake Geneva, Wis.*
Sarah L. Sherman,	*San Francisco, Cal.*
Olive A. Sprague,	*Milo, Maine.*
M. Kathleen Stockbridge,	*Baltimore, Md.*
Alice J. Stoddard,	*Naples, N. Y.*
Florence G. Stone,	*Kennebunkport, Maine.*
Ida G. Stowell,	*Claremont, N. H.*
Anna R. Stratton,	*Waltham.*
Mary R. Strong,	*Durham, Ct.*
May G. Swezey,	*Batavia, N. Y.*
Mabel L. Tandy,	*Freeport, Ill.*
Caroline V. Thayer,	*Enfield.*
Mary B. Tilton,	*Andover.*
Harriet B. Towne,	*Williamstown.*
Fannie P. Treat,	*Tallmadge, Ohio.*
Edith Tremper,	*Clyde, N. Y.*
Bessie M. Turner,	*Northfield, Ct.*
Helen G. Voorhees,	*Blawenburg, N. J.*
Lucretia H. Walker,	*Monson.*
E. Lena Ward,	*Johnson, Vt.*
Grace L. Watkins,	*South Manchester, Ct.*
Thera F. West,	*Hadley.*
Maude Whittlesey,	*Erie, Pa.*
Jessica Williams,	*Catasauqua, Pa.*
Lena Williams,	*Mendon.*
Annie A. Williamson,	*Mt. Vernon, N. Y.*

OPTIONAL COURSES COMPLETED.

Greek.

EMILY H. DUTTON.
ADDIE M. RIDER.

French.

MARY S. LOOMIS.

German.

MARION E. HUBBARD.

SUMMARY.

RESIDENT GRADUATES,	2
SENIOR CLASS,	39
SENIOR MIDDLE CLASS,	52
JUNIOR MIDDLE CLASS,	89
JUNIOR CLASS,	132
TOTAL,	314

CLASSIFICATION BY RESIDENCE.

The United States:		NORTH CAROLINA,	3
CALIFORNIA,	2	OHIO,	10
COLORADO,	1	PENNSYLVANIA,	16
CONNECTICUT,	49	RHODE ISLAND,	1
DELAWARE,	1	SOUTH CAROLINA,	1
DISTRICT OF COLUMBIA,	1	TENNESSEE,	1
FLORIDA,	1	VERMONT,	14
ILLINOIS,	14	WISCONSIN,	3
IOWA,	10		307
KANSAS,	1		
MAINE,	14	*Other Countries:*	
MARYLAND,	1	BULGARIA,	1
MASSACHUSETTS,	83	HAWAIIAN ISLANDS,	1
MICHIGAN,	10	ONTARIO,	1
MISSOURI,	2	NEW BRUNSWICK,	2
NEBRASKA,	2	ROUMELIA,	1
NEW HAMPSHIRE,	10	TURKEY,	1
NEW JERSEY,	7		314
NEW YORK,	49		

MT. HOLYOKE SEMINARY.

BUILDINGS AND GROUNDS.

THE grounds, comprising nearly seventy acres, slope to a stream which broadens into a pond. A driveway leads across this stream and ascends the hill, which bears the name of Goodnow Park, in honor of the donor, Hon. E. A. Goodnow, of Worcester. The pond, furnished with boats and boathouse, affords opportunities for rowing.

The main edifice, which fronts west, has at each end a wing extending eastward; the extremities of the two wings are connected by the gymnasium, thus enclosing a quadrangle.

Steam heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance, from an artesian well four hundred and fifty feet deep.

The library, a fire-proof building connected with the main edifice, has recently been enlarged. The new room is filled with cases compactly arranged, so that twenty-five thousand volumes can be shelved within easy reach. The library is open fourteen hours a day; at present it contains twelve thousand volumes, selected with careful reference to the courses of study. There is a card catalogue, and also a classified index. The reading room, near by, is well supplied with newspapers and magazines.

The Lyman Williston Hall (finished in 1876) stands northeast of the other buildings, surrounded by a spacious lawn. It contains large and well appointed rooms for lectures and recitations, extensive cabinets, a chemical laboratory for practical work, and valuable philosophical apparatus.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; and pictures by other

well known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and others. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings. To these has lately been added a set of carbon photographs from Rembrandt's most noted works.

An astronomical observatory was completed in June, 1881. It contains a fine telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, John Payson Williston.

TERMS OF ADMISSION.

Candidates for admission to the Seminary Course are examined in the following subjects:—

MATHEMATICS.—Mental and Written Arithmetic, including the metric system of weights and measures; Olney's Complete School Algebra (an elementary work is not sufficient); Plane Geometry. In order that the requisite mathematical discipline may be gained, it is desirable that there be a familiar acquaintance with two or three authors in higher arithmetic. A careful review of mental arithmetic is also important.

LATIN.—Latin Grammar; Jones's Latin Prose Composition; Cæsar's Gallic Wars, four books, or an equivalent amount of Cornelius Nepos, or Sallust; Cicero, seven orations. A thorough acquaintance with the principles of syntax is required. The English system of pronunciation is preferred.

ENGLISH.—Knowledge of principles as given in How to Write Clearly, by E. A. Abbott, or in Welsh's Essentials of English; correction of errors in syntax, and an essay on an assigned subject.

In 1889 subjects will be given from The Tempest (Shakespeare); John Halifax (Mrs. Mulock-Craik); Ramona (Mrs. H. H. Jackson).

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY of the United States.

These examinations, which are mostly written, take place regularly at the opening of the year; but any candidates who desire, may present themselves Thursday A. M., June 7, 1888. A boarding place for two or three days should be secured in advance.

Entrance examinations will also be held June 7, in Freeport, Ill. Any candidate desiring to take examinations there should communicate with Miss Mary C. Townsend, of Freeport, before June 1.

Although well qualified candidates may be admitted to the entering class at sixteen years of age, it is better that all should be seventeen or eighteen. None should enter the senior class under twenty.

Students are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain throughout the year. At the expiration of that time it can be decided whether the best interests of the pupil will be promoted by a longer connection with the institution.

COURSE OF STUDY.

The prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may be examined in any of the earlier studies of the course which they have thoroughly mastered elsewhere. The facilities for special work in the various departments are constantly increasing, as well as the number of those who pursue some favorite line of study beyond what is required. In most cases, this is done by devoting additional time during the course,—sometimes by post-graduate study.

It is the aim of the course to give a solid and well-balanced education in those things which are fundamental, at the same time encouraging and providing for further study, in whatever department it may be desired. The special courses arranged in French, German, and Greek, as well as in some of the sciences, are additional to the regular curriculum.

ANCIENT LANGUAGES.—Latin alone is required for admission. Much attention is at first devoted to grammatical forms and constructions, in respect to which the previous training of candidates is often found to have been deficient. Subsequently, the literary character-

istics of the various authors studied are especially kept in view. In addition to the required course, other Latin classics are frequently read.

In Greek there is an optional course which includes portions of Homer, Herodotus, Thucydides, Xenophon, Plato, and Demosthenes, with some of the Greek tragedies. Any who prefer to do so can give to the Greek language the time provided for French or German in the regular course.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, together with a critical analysis of a few of the masterpieces, as presented in the best English versions. After some studies and readings of Indian and other Oriental literature, that of Greece is taken up, with the aid of the works of Mure, Müller, Gladstone, and others. The Homeric poems, and especially the Iliad, are carefully studied in the light of the best literary criticism, as well as the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is taken up; and the most celebrated plays are read and discussed by the class. Similar studies of Roman literature are included in the plan, as well as some of mediæval times in the old Italian authors, the German, and the Norse.

MODERN LANGUAGES.—In addition to the French or German prescribed in the regular course, there is an extended optional course in each (for which see p. 29). The language studied is the medium of instruction from the first, and the student is led step by step to comprehend its grammatical structure.

Attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of its literature.

ENGLISH LITERATURE.—The study of the regular course includes the history of English literature from Chaucer to Wordsworth, and the works of the writers of this period. Constant use is made of the library, which is well supplied with the best authorities in literary history and criticism, and the best editions of the great English writers.

The advanced course includes further study of masterpieces down to the present time, giving especial attention to the philosophy of literature.

RHETORIC AND PHILOLOGY.—Description, narration, exposition, argument, and persuasion are studied in connection with models

selected from Irving, Hawthorne, Macaulay, Burke, Webster, and others. In the critical study of style, Spencer's essay on The Philosophy of Style, the principles of criticism, theory, and classification of poetry, and structure of English verse are considered.

Reference is made to Müller and Whitney for the principles of Philology. In the study of the history of the English language, Marsh, Oliphant, and others are consulted.

LOGIC.—The outline of formal logic is studied in Jevons' Lessons; the meaning and use of the syllogism, in C. C. Everett's Science of Thought. This work is supplemented by practice in testing arguments.

MATHEMATICS.—The required course includes plane, solid, and spherical geometry, algebra, and plane and spherical trigonometry. Original work is required in connection with geometry. Further mathematical instruction is given if desired. In higher algebra, Phillips and Beebe's Graphic is used, in addition to Olney's University Algebra.

PHYSICS.—The subjects chiefly studied in the regular course are hydrostatics, pneumatics, acoustics, heat, light, electricity, and magnetism. The recitations are accompanied by lectures and illustrative experiments by the teacher, and there is also each year a course of lectures by a non-resident professor. The apparatus is excellent, and there is opportunity for laboratory work.

ASTRONOMY.—The prescribed course takes up, in recitations, the fundamental facts and principles of the science, including something of its history, as well as recent theories and discoveries. Sun-spots, solar prominences, the moon, planets, double stars, star clusters, and nebulæ are frequently shown to the students. A most important addition to the other advantages provided for astronomical study is the biennial course of lectures by Dr. C. A. Young, of Princeton.

Those who desire, and are prepared for, advanced work in astronomy, have instruction and practice in the use of the sextant, meridian circle, equatorial telescope, and spectroscope.

CHEMISTRY.—The regular course provides for lectures and illustrative experiments by the teacher, with recitations and laboratory practice by the students, under the teacher's supervision. The subjects considered are chemical theories, non-metallic elements and their compounds, metals, and organic chemistry.

Laboratory work in qualitative and quantitative analysis is optional.

MINERALOGY, LITHOLOGY, AND GEOLOGY.—The course in mineralogy requires identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also, preparation of rock sections with the section cutter, and blowpipe determination.

In geology the successive formations are illustrated by charts and maps, especially the geological map prepared by Professor Hitchcock, of Dartmouth, the lecturer in this department. The progress of life is studied in connection with Ward's university series of casts, and the various collections of fossils. The paleontological department also contains a fine collection of the fossil footmarks of the Connecticut Valley.

PHYSIOLOGY AND HYGIENE.—Instruction in this branch is given by the resident physician. Students receive weekly lectures on elementary physiology and hygiene during the first year of the course. In further study, Martin's Human Body is used as a text book; structure being illustrated by the requisite apparatus, by dissection of the lower animals, and by the study of function supplemented by laboratory work. Histology of the tissues is studied by carefully selected microscopic slides. Lectures on sanitary science conclude the course.

ZOLOÖGY.—The required course begins with an outline of the classification of the animal kingdom, and study of the external characteristics of typical forms of vertebrates, using Jordan's Manual. The dissection of one or more of these forms gives the student some idea of their anatomical structure; and similar studies are made of certain invertebrate forms, including the lobster, clam, and earthworm. Some time is devoted also to the lower forms of animal life. In connection with the recitations, lectures are given by the teacher.

BIOLOGY.—This course, which is optional, consists mainly of laboratory work, with occasional lectures on the fundamental facts and principles of general biology. Sedgwick and Wilson's General Biology, and Brooks's Handbook of Invertebrates, are used in studying the lower forms of life. Instruction is given in histology, and in the embryology of the chick; also in microscopical work, including the preparation, staining, and mounting of specimens. A thorough anatomical study of vertebrates is made, using Wilder's Anatomical Tech-

nology, and Mivart's work on The Cat. Other works much consulted are Packard's Zoölogy, Claus's Zoölogy, Huxley's Anatomy of Invertebrates, Huxley and Martin's Practical Biology, Balfour and Foster's Embryology, Balfour's Comparative Embryology, and Owen's Comparative Anatomy.

BOTANY.—The required course begins with the general morphology and classification of phænogams. General histology and physiology are afterwards taken up; and systematic botany is continued, with especial attention to the more difficult orders of phænogams, and the higher cryptogams. Each student is required to present for examination an herbarium of not less than seventy-five plants, and a list of at least two hundred plants analyzed.

The advanced work is mainly in the special study of groups, taking characteristic specimens of grasses, sedges, mosses, vascular cryptogams, and lower plant forms. These are studied with respect to their histology, physiology, classification, and economic uses.

The laboratory work is supplemented by lectures. Students are required to prepare drawings and diagrams of objects studied, and are taught to mount specimens for microscopical use.

The Gray series of text books is used, supplemented by Lesquereux and James's Mosses of North America, and Farlow's New England Algæ. Advanced students use Vines's Physiology of Plants. The works of reference most consulted are the botanies of Bessey, Bower and Vines, Sachs, and Strasburger; also DeBary's Comparative Anatomy of Phanerogams and Ferns, and Poulsen's Botanical Micro-Chemistry.

HISTORY.—Two courses, one in ancient and the other in mediæval and modern history, are required. The method of study is topical, requiring constant use of the library. Philosophy of history is emphasized. Special topics are often assigned to be presented before the class. It is the aim to inspire an enthusiasm for more extended historical reading.

CIVIL GOVERNMENT.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the text book, and consultation of authorities on the history of the Constitution, various related topics are presented by the teacher, including political, financial, and social questions of the day.

MENTAL AND MORAL SCIENCE.—The required course in these studies continues during a large part of the senior year. In the former the authors consulted are W. T. Harris, Hickok, Porter, Hopkins, Bowne, Ladd, and Dewey. In ethics, Hickok's Moral Science is used, with discussions on practical questions by the class.

THEISM AND CHRISTIAN EVIDENCES.—These subjects occupy the latter part of the senior year. Leading topics are systematically pursued, and the views of various authors considered. The works most consulted are Samuel Harris's Self-Revelation of God, Flint's Theism and Anti-Theistic Theories.

HISTORY OF ART.—This study is pursued in the senior year, Lübke's History of Art furnishing the outline, with constant use of the best works of reference in each division of the subject. The historical development of art is philosophically traced, with the aid of excellent copies of several of the old masters, casts of antique statuary, and numerous photographs. Courses of lectures are also given by non-resident professors.

SYNOPSIS OF THE SEMINARY COURSE.

FIRST YEAR.

FALL TERM.

(In each study the time is four hours a week, unless otherwise specified.)

LATIN.—Cicero de Senectute, with Exercises in Prose Composition; Reading at sight.

MATHEMATICS.—Olney's University Algebra.

ANCIENT HISTORY.—Oriental and Grecian. *Two hours a week.*

WINTER TERM.

LATIN.—Virgil's Eclogues: Æneid, one book, including Mythology, Geography, Prosody; Exercises in Prose Composition; Reading at sight.

MATHEMATICS.—Chauvenet's Geometry, solid and spherical.

ANCIENT HISTORY.—Roman. *Two hours a week.*

FRENCH.—La Langue Française, by Bercy; Grammaire et Exercises, by Larive and Fleury.

OR, GERMAN.—Das Deutsche Buch, by van Daell and Schrakamp; Object Lessons; Exercises in writing. *Two hours a week.*

SPRING TERM.

LATIN.—Virgil's Æneid, four books; Prose Composition; Reading at sight.

BOTANY.—Gray's Lessons and Manual; Laboratory Work in Vegetable Histology, and Cryptogamic Botany.

FRENCH.—Grammaire et Exercises; Fables de la Fontaine; Contes Merveilleux, by Sauveur.

OR, GERMAN.—Das Deutsche Buch; Wenkebach's Anschauungs-Unterricht; Otto's Elementary Grammar; Exercises in writing; Reading at sight.

RHETORIC.—Diction, sentences and paragraphs; Description and Narration. *One hour a week, through the year.*

PHYSIOLOGY.—Lectures. *One hour a week, half the year.*

BIBLE.—Genesis and Exodus; the Gospels. *One hour a week, through the year.*

VOCAL MUSIC. *One hour a week, through the year.*

GYMNASTICS.

SECOND YEAR.

FALL TERM.

LATIN.—Livy, Books XXI. and XXII.; Prose Composition; Reading at sight.

BOTANY. *Six weeks.*

BIOLOGY.—Vegetable or Animal. *Six weeks.*

ELECTIVES.

FRENCH. } See Optional Courses for Second Year.
GERMAN. }

MATHEMATICS.—Olney's University Algebra, Part III.

WINTER TERM.

CHEMISTRY.—Lectures, including Chemical Philosophy, Elements and their Compounds; Laboratory Work.

MINERALOGY.—Dana's Manual; Description and Classification; Lithology. *Three hours a week.*

ENGLISH LITERATURE.—American Literature. *Two hours a week.*

CIVIL GOVERNMENT.—Including practical talks upon important acts of Congress, and upon topics of the times. *Two hours a week.*

SPRING TERM.

ZOOLOGY.—Study of Vertebrates; Outline of Classification of Animal kingdom; Dissection of typical forms.

TRIGONOMETRY.—Plane and Spherical (Olney).

ANCIENT HISTORY. *Six weeks.*

LOGIC.—Jevons'; C. C. Everett's Science of Thought. *Six weeks.*

RHETORIC.—Figurative Language; Exposition; Argument; Persuasion; Philosophy of Style. *One hour a week, through the year.*

BIBLE.—Joshua, Judges, Samuel; Acts. *One hour a week, through the year.*

ELOCUTION. *Two hours a week, half the year.*

VOCAL MUSIC. *One hour a week, through the year.*

GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

LATIN.—Horace: Selections from Satires and Odes; Carmen Seculare; Ars Poetica.

HISTORY.—Mediæval and Modern; Lectures and Library Work.

GEOLOGY.—Dynamical, Structural, and Historical (Dana).

WINTER TERM.

PHYSICS.—Atkinson's Ganot: Sound, Heat, Light, Electricity; Experimental Lectures.

ENGLISH LITERATURE.—General.

ELECTIVES.

MATHEMATICS.—Analytical Geometry.

CHEMISTRY.—Laboratory Work.

BIOLOGY.—Vegetable, or Animal.

FRENCH. } (See Optional Courses.)
GERMAN. }

SPRING TERM.

PHYSICS.—Laboratory Work. *Six hours a week, counted two.*

ASTRONOMY.—Description; History; Theories and recent Discoveries; Lectures.

PHYSIOLOGY.—Human Anatomy and Physiology, with special reference to Hygiene; Histology; Lectures on Sanitary Science. *Two hours a week.*

ELECTIVES.

LATIN.—Tacitus: Germania and Agricola, or Pliny's Letters.

BLOWPIPE DETERMINATION.

CRYSTALLOGRAPHY.—Microscopic Work with Polarizer.

QUALITATIVE ANALYSIS.

BIOLOGY.—Vegetable, or Animal.

FRENCH. } (See Optional Courses.)
GERMAN. }

RHETORIC.—Principles of Criticism and Critical Study of English and American Authors; English Verse; Essays. *One hour a week, through the year.*

BIBLE.—Kings, Chronicles; Hebrews. *One hour a week, through the year.*

ELOCUTION, OR VOCAL MUSIC. *Two hours a week, through the year.*

GYMNASTICS.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to Study of Philosophy (Harris); Hickok's Psychology; Hopkins, Porter, Bowne, Ladd.

ANCIENT LITERATURE.—Oriental and Classical.

ELECTIVES.

CONSTITUTIONAL HISTORY of United States.

ENGLISH LITERATURE.—Dramatic and Epic Poetry.

PHYSICS.—Laboratory Work.

ASTRONOMY.—Spherical; and Practical Use of Instruments.

BIOLOGY.—Vegetable or Animal.

FRENCH.

GERMAN.

WINTER TERM.

POLITICAL ECONOMY.—Walker, Clark, Mill; Lectures.

HISTORY OF ART.

HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.

OR, CLASSICAL LITERATURE. *Six weeks.*

THEISM AND CHRISTIAN EVIDENCES.—Modern forms of Skepticism; Flint on Theism and Anti-Theistic Theories; Samuel Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science; Discussions by the class on practical subjects.

THEISM AND CHRISTIAN EVIDENCES.—(Continued.)

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.

GEOLOGY.

MINERALOGY.

LATIN.—Cicero de Immortalitate.

RHETORIC.

ENGLISH LITERATURE.—Nineteenth Century Authors.

BIOLOGY.—Botany, or Zoology.

RHETORIC.—Essays.

BIBLE.—The Prophetical Books; Romans.

One hour a week, through the year.

ELOCUTION OR VOCAL MUSIC.

One hour a week, through the year.

GYMNASTICS.

OPTIONAL COURSES IN LANGUAGES.

The following optional courses are pursued in Greek, French, and German. To one who completes either, a special diploma is given, as they are additional to the regular curriculum.

GREEK COURSE.

First Year—White's Lessons and Goodwin's Grammar; Xenophon's Anabasis. *Second Year*—Selections from Herodotus and Thucydides; Homer's Iliad or Odyssey. *Third Year*—Demosthenes's Olynthiacs and Philippics; Prometheus of Æschylus. *Fourth Year*—Plato's Apology; Antigone of Sophocles; Alcestis of Euripides. Prose Composition and Reading at sight, each year.

FRENCH COURSE.

First Year—La Langue Française, by Bercy; Grammaire et Exercises, by Larive and Fleury; Fables de la Fontaine; Contes Merveilleux, by Sauveur. *Second Year*—Auteurs Contemporains; Grammaire et Exercises continued; Poésies; Select Modern Plays (Feuillet, Sardou, Victor Hugo; Selections from George Sand, Lamartine, etc.); Composition (Roulier). *Third Year*—Histoire de la Littérature Française; Racine; Molière; Corneille; Composition (Roulier, Chardenal). *Fourth Year*—La Bruyère; Madame de Sévigné; Selections from French historians and modern writers; Reviews and Magazines; Composition.

GERMAN COURSE.

First Year—Reading: Das Deutsche Buch, by van Daell and Schrakamp; Conversation: Wenckebach's Anschauungs-Unterricht; Elementary Grammar, by Otto; Exercises in writing; Reading at sight. *Second Year*—Deutsche Grammatik für Amerikaner, by Wenckebach; Oral and Written Exercises; Andersen's Bilderbuch ohne Bilder; Select German Prose; Modern Plays. *Third Year*—Minna von Barnhelm, by Lessing; Schiller's Maria Stuart and Jungfrau von Orleans; English into German; Poetry. *Fourth Year*—History of German Literature, with selections from the Classical Authors; Schiller's Wilhelm Tell, Goethe's Faust, and Iphigenie auf Tauris; Letters and Compositions.

DRAWING AND PAINTING.

Lessons in charcoal-drawing, from casts or models, and in sketching from nature, are furnished without extra charge. A normal class, also, is instructed in the elementary forms of design, and in outline-drawing. Painting is taught, in both water-colors and oils.

MUSIC.

All the students have regular lessons in choral classes. Private instruction in the cultivation of the voice, or in piano music, is at the rate of $15 for twenty lessons, besides the use of the instrument.

THE COLLEGE DEPARTMENT.

A college department will be inaugurated in September, 1888, the Trustees having been duly empowered to take this step by a recent Act* of the Legislature of Massachusetts. The requirements for admission, and the studies of the first year, will be substantially the same as those of New England colleges generally. Details in regard to Classical and Scientific Courses will be announced as soon as practicable.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

Candidates for admission to the First Year are examined in the following subjects:—

MATHEMATICS.—Arithmetic, including the Metric System of Weights and Measures; Algebra—Olney's University Algebra, Parts I. and II.; Plane Geometry, as found in Chauvenet, or its equivalent.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition, or an equivalent in Arnold, Allen and Greenough, or Harkness; Cæsar, Gallic War, four books; Cicero, seven Orations; Virgil's Æneid, six books.

*As a matter of special interest to the friends of the institution, the Act is given in full on page 36.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY.—History of the United States; Outlines of Universal History; Grecian History, to the Persian Wars; Roman History, to Imperial Period.

ENGLISH.—Correction of Errors in Syntax, and an Essay on an assigned subject; Knowledge of Principles as given in "How to Write Clearly," by E. A. Abbott, or in Welsh's "Essentials of English." Subjects will be given in 1889 from The Tempest (Shakespeare), John Halifax (Mrs. Muloch-Craik), Ramona (Mrs. H. H. Jackson).

FRENCH OR GERMAN.—French: Sauveur's Causeries avec mes Elèves. German: Otto's Elementary German Grammar, Das Deutsche Buch der Sauveur Schule.

Science of Government, Elementary Physiology, Elementary Physics, Elementary Botany.

Subjects of examination for the Scientific Course are the same as for the Classical Course, with this exception,—instead of Greek, further preparation in French or German will be required.

FRENCH.—La Langue Française, by Bercy; Grammaire et Exercises, by Larive and Fleury; Fables de la Fontaine; Contes Merveilleux, by Sauveur.

GERMAN.—Grammar: Deutsche Grammatik, by Wenckebach (or Whitney). Reading: Das Deutsche Buch, by van Daell and Schrakamp, Andersen's Bilderbuch ohne Bilder. Conversation: Deutscher Anschauungs-Unterricht, by Wenckebach.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are ~~$175~~ 200 for the school year; $100 *to be paid the first Monday of the fall term, and* ~~$75~~ 100 *the first Monday of the second term.* If, for any reason, the student should remain but a part of the year, the charge will be higher,—at the rate of $5.50 per week for the time spent at the Institution. No deduction is made for temporary absences.

It is preferred that payment should be made in checks, on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the Principal.

It is important that the term-bills be paid promptly.

FAMILY ARRANGEMENTS.

All the teachers and students reside in the building, mingling constantly in the familiar intercourse of a well-ordered Christian home. As every student has her own small but definite share in securing the comfort of the large household, a family feeling readily springs up, and soon becomes strong. The daily hour spent by each in domestic duties, under systematic planning and skillful supervision, disposes of the ordinary household affairs promptly and well. It gives healthful exercise, cultivates a taste for home occupations, honors labor, and makes the Institution not only less expensive, but more independent than it could be with the scores of servants that would otherwise be required. The student sees what system, co-operation, and prompt activity can do; and, in time, she finds herself able, not only to take responsibility, but to enjoy it. And thus, in future years, she will bear her part among the workers of the world with the greater ease and success.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening nor Saturday.

Friends of the Institution, or strangers desiring to visit it, are at liberty to call upon the teachers at any time most convenient to themselves, the Sabbath excepted.

CARE OF THE HEALTH.

Daily exercise in the open air is ordinarily required; and during most of the year light gymnastics on two days of the week, unless excused by the physician. The gymnasium is spacious, well lighted,

and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The lady physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary.

THE SABBATH.

Attendance at church in the morning is required, and also at the Bible recitation in the afternoon.

Students do not make or receive calls upon the Sabbath, nor should they spend a single Sabbath away from the Seminary during term-time. However great may be its privileges elsewhere, the excitement of meeting friends and of visiting must prevent, in a measure, the benefit that might otherwise be gained. The religious influence of the Institution, which, though unsectarian, has always been positive and strong, would be greatly hindered were such absences allowed.

TERMS AND VACATIONS.

FALL TERM begins	Thursday, Sept. 13, 1888.
FALL TERM ends	Thursday, Dec. 20, 1888.
WINTER VACATION . . .	Dec. 21 to Jan. 2.
WINTER TERM begins . . .	Thursday, Jan. 3, 1889.
WINTER TERM ends . . .	Thursday, March 21, 1889.
SPRING VACATION . . .	March 22 to April 4.
SPRING TERM begins . . .	Friday, April 5, 1889.
SPRING TERM ends	Thursday, June 27, 1889.

The public examinations at the close of the present year will commence Tuesday A. M., June 19.

The anniversary exercises will be Thursday, June 21, commencing at eleven o'clock A. M. Address by Rev. Nathaniel G. Clark, D. D., LL. D., of Boston.

APPLICATIONS.

Communications relating to admission may be addressed to the Principal, Miss Elizabeth Blanchard. The name, age, attainments, and general characteristics of the applicant should be stated.

TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

It is important that all should come on Wednesday, September 12, that they may be in readiness to commence their examinations Thursday morning.

Each student is expected to furnish her own towels, napkins, and napkin-ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Provide clothing suitable for the season and climate, including flannels, woolen hose, thick shoes, overshoes, leggings, and a dress for gymnastic exercises; also an umbrella. All these articles should be brought at the beginning of the school-year. The gymnastic dress may be of flannel (dark blue is preferred), made with blouse-waist, sleeves full, belt loose, and the hem of the skirt seven inches from the floor.

It is desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, especially a Bible dictionary.

Books and stationery can be purchased at the Seminary on reasonable terms.

During the month of May a copy of the catalogue will be forwarded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary and College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet accommodation trains. At Holyoke, stages meet express trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in New York City, Boston, Albany, and all the large towns on the Boston and Albany Railroad.

There is a telegraph office in South Hadley, in the immediate vicinity of the Seminary.

HISTORY OF MT. HOLYOKE SEMINARY.

This volume of 400 pages, published in 1887, gives an account of the origin and growth of the Seminary during its first half century, and is liberally illustrated with heliotypes and steel engravings. It is sold only at the Seminary and at the uniform price of $2.00, or $2.25 if sent by mail or express prepaid. Orders may be addressed to Miss Blanchard, Principal.

A JUBILEE MEMORIAL,

Containing the report of the commemorative exercises of the fiftieth anniversary, with addresses, poems, etc., has been prepared and will be sent by mail for 35 cents, on application to Miss Blanchard, Principal.

SEMI-CENTENNIAL CATALOGUE.

A general catalogue of the officers and students of the Seminary from 1837 to 1887 is being prepared. It is designed to include the names of all who have been members of the school, with the school address, the present or last reported address, the names of husbands, date of marriage, and in the case of students the place and date of death, so far as known.

COPY OF AN ACT OF THE LEGISLATURE OF MASSACHUSETTS.

AN ACT TO AMEND THE ACT OF INCORPORATION OF MOUNT HOLYOKE FEMALE SEMINARY.

Be it enacted, etc., as follows:—

SECTION 1.—The name of the Trustees of Mount Holyoke Female Seminary is changed to The Trustees of Mount Holyoke Seminary and College.

SECT. 2.—The corporation of Mount Holyoke Seminary and College is hereby authorized to grant such honorary testimonials, and confer such honors, degrees and diplomas as are granted or conferred by any university, college or seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed by usage or statute to the possessors of like diplomas from any university, college or seminary of learning in this Commonwealth: *provided, nevertheless*, that no such honors, degrees or diplomas shall be conferred except by the vote of a majority of the trustees of said corporation.—[*Approved March* 8, 1888.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke Seminary and College, in South Hadley, Mass., the sum of dollars, to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

HISTORY OF MOUNT HOLYOKE SEMINARY.

This volume of 400 pages, published in 1887, gives an account of the origin and growth of the Seminary during its first half century, and is liberally illustrated with heliotypes and steel engravings. It is sold only at the Seminary and at the uniform price of $2.00, or $2.25 if sent by mail or express prepaid.

A JUBILEE MEMORIAL,

Containing the report of the commemorative exercises of the fiftieth anniversary, with addresses, poems, etc., will be sent by mail for 35 cents.

GENERAL CATALOGUE.

A general catalogue of the officers and students of the Seminary from 1837 to 1889 will be ready for sale in June. It includes the names of all who have been members of the school, with the school address, the present or last reported address, the names of husbands, date of marriage, and in the case of students the place and date of death, so far as known. Price, by mail, 80 cents.

Orders for either of these books may be addressed, Mount Holyoke Seminary and College, South Hadley, Mass.

A copy of the annual catalogue will hereafter be sent to any Holyoke student who will forward her address during the month of March.

Members of the Memorandum Society please notice this condition.

MOUNT HOLYOKE SEMINARY & COLLEGE

SOUTH HADLEY, MASS.

1887.

LYMAN WILLISTON HALL

MOUNT HOLYOKE SEMINARY & COLLEGE

SOUTH HADLEY MASS.

ANNUAL CATALOGUE

OF THE

MT. HOLYOKE SEMINARY AND COLLEGE

IN

SOUTH HADLEY, MASS.

1888-9.

PUBLISHED BY THE
SEMINARY AND COLLEGE.
1889.

SPRINGFIELD PRINTING AND BINDING COMPANY
SPRINGFIELD MASS

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†Abroad, on leave of absence.

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HELEN F. RANDOLPH, ... *Fredericton, N. B.*
MARY D. ROBINSON, ... *Goldsboro, N. C.*
M. LODEMA ROGERS, ... *Albion, N. Y.*
MARTHA M. RUSSELL, ... *Amherst.*
MABEL J. SEDGWICK, ... *Palmer.*
JENNIE WRIGHT SMITH, ... *South Hadley.*
OLIVE A. SPRAGUE, ... *Milo, Maine.*
M. KATHLEEN STOCKBRIDGE, ... *Baltimore, Md.*
MARY R. STRONG, ... *Durham, Conn.*
MAY G. SWEZEY, ... *Batavia, N. Y.*
JENNIE M. TAYLOR, ... *Granby.*
HARRIET B. TOWNE, ... *Williamstown.*
EDITH TREMPER, ... *Clyde, N. Y.*
ISABEL F. WALKER, ... *Groton, Conn.*
LUCRETIA H. WALKER, ... *Monson.*
THERA F. WEST, ... *Hadley.*
JESSICA WILLIAMS, ... *Catasauqua, Pa.*

FIRST CLASS.

FLORENCE L. ADAMS, ... *Shirley.*
CARRIE M. ALLEN, ... *Spencer.*
ELEANOR ALLYN, ... *Lyme, Conn.*
ALICE W. AMES, ... *South Lincoln.*
JOSEPHINE S. AMES, ... *Holden.*
SARAH E. ANNETT, ... *East Jaffrey, N. H.*
SARAH AVERILL, ... *Pomfret, Conn.*
GRACE E. BARNUM, ... *Bethel, Conn.*
EMILY K. BEACH, ... *New Haven, Conn.*
GRACE E. BERRY, ... *West Boylston.*
CLARA L. BIDWELL, ... *Monterey.*
FANNIE L. BIGELOW, ... *Framingham.*

Bertha E. Blakely,	*Marlboro, N. H.*
Minnie W. Bliss,	*Newburyport.*
Seraph A. Bliss,	*Abington, Conn.*
Lena Bloomfield,	*Meriden, Conn.*
Ellsworth A. Boughton,	*Schenectady, N. Y.*
Annie Bragaw,	*New London, Conn.*
Annie L. Brown,	*Middleboro.*
Caroline A. G. Bull,	*Woodstock, N. B.*
Elizabeth H. Bunnell,	*Tunkhannock, Pa.*
Emma J. Burnham,	*Hillsboro Bridge, N. H.*
Grace M. Burt,	*Springfield.*
Eleanor Candler,	*Detroit, Mich.*
Florence L. Carrier,	*Beloit, Wis.*
Annie Carter,	*Boonton, N. J.*
Julia Carter,	*Huntington, L. I.*
Minnie E. Chatterton,	*Acworth, N. H.*
Marion D. Chollar,	*Danielsonville, Conn.*
Jennie G. Clark,	*Boonton, N. J.*
Mary Cleveland,	*Albany, N. Y.*
Kathrina A. Cobleigh,	*South Gardner.*
Laura W. Collings,	*Albuquerque, New Mexico.*
H. Mabel Coney,	*Ware.*
Harriet S. Cooke,	*Kansas City, Mo.*
Elizabeth W. Davis,	*South Dartmouth.*
Ella M. Davis,	*Watertown, Conn.*
Mary B. Davis,	*Nashua, N. H.*
Clara E. Dayton,	*Watertown, Conn.*
H. Gertrude Dayton,	*Watertown, Conn.*
Laura A. Dickinson,	*Amherst.*
Louisa Dickinson,	*Amherst.*
Anna W. Dollinger,	*Wheaton, Ill.*
Adaline Emerson,	*Beloit, Wis.*
Annie L. Fairley,	*Amherst.*
Sara E. Faunce,	*Washington, D. C.*
Annie G. Foster,	*Independence, Kansas.*
Jennie R. Francis,	*New Haven, Conn.*
Catherine Freeman,	*Lima, Ohio.*
Sarah A. French,	*Foxcroft, Maine.*
Caroline E. Frost,	*West Newton.*
Alice M. Gage,	*Boxford.*
Catharine Y. Glen,	*Elizabeth, N. J.*
Helen E. Goodenough,	*Winchester, Conn.*
Jean Grant,	*Waterbury, Conn.*
L. Mabel Grant,	*Goldsboro, N. C.*
Miriam Gray,	*Worcester.*
Marietta Gregg,	*Athens, Pa.*
Mary L. Gregory,	*Fredericton, N. B.*
M. Louise Griffin,	*Danielsonville, Conn.*

Alice K. Hall,	*Cambridge.*
Anna B. Hamman,	*Little Falls, N. Y.*
Abbie F. Harlow,	*Shrewsbury.*
Helen A. Hayes,	*Malone, N. Y.*
Emily A. Hobbs,	*West Medford.*
Elizabeth Holmes,	*Ayer.*
Luella Horton,	*Boston.*
Marian M. Howard,	*Beloit, Wis.*
Annie P. Hutchinson,	*Danvers Center.*
Sara G. Hyde,	*Ware.*
Jessie E. Jewett,	*North Yarmouth, Maine.*
Adeline S. Johnson,	*New Haven, Conn.*
Annie B. Judd,	*South Hadley.*
M. Helen Keith,	*Braintree.*
S. Emma Keith,	*Braintree.*
Cora H. Kellogg,	*Granby.*
Chloe M. Leavitt,	*East Charlemont.*
Bessie N. Leonard,	*Jewett City, Conn.*
Marinda A. Locke,	*Philippopolis, S. Bulgaria.*
Virginia Lufkin,	*Anna, Ill.*
Ellen B. Mackie,	*Boston.*
Gertrude A. MacNulty,	*Washington, D. C.*
Eva L. May,	*Higganum, Conn.*
Caroline M. McElwain,	*Chicopee.*
Rose McWilliams,	*New Lebanon, N. Y.*
M. Abbie Mead,	*Bridgton, Maine.*
Edith H. Millard,	*Milwaukee, Wis.*
Belle P. Miller,	*Lowell.*
Sarah F. Mott,	*Yonkers, N. Y.*
Mary E. Osborn,	*Lisle, N. Y.*
Augusta L. Patrick,	*West Newton.*
M. Agnes Post,	*Pulaski, N. Y.*
Marian J. Quick,	*South Coventry, Conn.*
Ethel A. Roberts,	*New York City.*
Kate M. Roscoe,	*New Haven, Vt.*
Emma D. Sandford,	*Geneva, N. Y.*
Rosamund von Schrader,	*Ottumwa, Iowa.*
Sara L. Sherman,	*San Francisco, Cal.*
Caroline Skavlem,	*Beloit, Wis.*
Carrie L. Smith,	*Granby.*
Helena Adelaide Smith,	*Chateaugay, N. Y.*
May A. Smith,	*Albion, N. Y.*
Winifred B. Smith,	*Cambridge.*
Ada L. Snell,	*Geneva, N. Y.*
E. Gertrude Somes,	*Danielsonville, Conn.*
Eva M. Stanley,	*Goldsboro, N. C.*
Emily G. Stevenson,	*Philadelphia, Pa.*
Julia S. Stockwell,	*Aurora, Ill.*

Mabel O. Storrs,	*Ware.*
Anna R. Stratton,	*Andover.*
Minnie Stryker,	*Flemington, N. J.*
Mary O. Stuart,	*Independence, Iowa.*
Elvira N. Terry,	*Norwich, N. Y.*
Caroline V. Thayer,	*Enfield.*
Elsie P. Thayer,	*Enfield.*
Mary B. Tilton,	*Andover.*
Lillian M. Turner,	*Great Barrington.*
Helen G. Voorhes,	*Blawenburgh, N. J.*
Mabel Waite,	*Chicago, Ill.*
E. Lena Ward,	*Johnson, Vt.*
Jeanne Wemple,	*Schenectady, N. Y.*
Bertha E. Wenner,	*Allentown, Pa.*
Ellen Whiting,	*Norfolk, Conn.*
Sara Whiting,	*Norfolk, Conn*
Annie P. Wiggin,	*Stratham, N. H.*
Fannie Wood,	*Woodville, N. Y.*
Edith L. Woodmansee,	*Salt Lake City, Utah.*
Isabel Wright,	*Freeport, Ill.*

COMPLETED OPTIONAL COURSE IN GREEK.

Harriette N. Love,	*South Hadley.*

SUMMARY.

Scientific Course,	8
Resident Graduates,	2
Seminary Course:	
Senior Class,	49
Junior Class,	50
Second Class,	63
First Class,	128
Total,	300

CLASSIFICATION BY RESIDENCE.

The United States:		New Jersey,	8
California,	2	New Mexico,	1
Colorado,	1	New York,	48
Connecticut,	50	North Carolina,	3
Delaware	1	Ohio,	4
District of Columbia,	2	Pennsylvania,	16
Florida,	1	Rhode Island,	1
Illinois,	10	Utah,	1
Iowa,	9	Vermont,	7
Kansas,	2	Wisconsin,	5
Maine,	14	*Other Countries:*	
Maryland,	1	Bulgaria,	2
Massachusetts,	94	New Brunswick,	3
Michigan,	1	Sweden,	1
Missouri,	2	Turkey,	1
Nebraska,	1		300
New Hampshire,	8		

MOUNT HOLYOKE SEMINARY AND COLLEGE.

BUILDINGS AND GROUNDS.

THE grounds, containing seventy acres, descend gradually from the rear of the buildings to a small stream broadening into a pond. A driveway across this stream extends to the Pavilion on Prospect Hill, which now bears the name of Goodnow Park, in honor of the donor, Hon. E. A. Goodnow of Worcester. The pond, furnished with boats and boathouse, affords opportunities for rowing and skating.

The main edifice, which fronts west, has at each end a wing extending eastward; the extremities of the two wings are connected by the gymnasium, thus enclosing a quadrangle.

Steam heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance, from an artesian well four hundred and fifty feet deep.

The library, a fire-proof building connected with the main edifice, has recently been enlarged by adding a room whose compactly arranged cases will shelve within easy reach twenty-five thousand volumes, while the pleasant and well filled alcoves of the original apartment remain nearly unchanged. The books number between twelve and thirteen thousand, chosen with careful reference to the courses of study; and students have direct access to them fourteen hours a day, assisted by a card catalogue and a classified index. The reading room is well supplied with newspapers and magazines.

The Lyman Williston Hall contains large and well appointed rooms for lectures and recitations in the natural sciences, extensive cabinets, laboratories for practical work, and valuable apparatus.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; and pictures by other well known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La

Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and others. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings. To these has lately been added a set of carbon photographs from Rembrandt's most noted works.

An addition to Williston Hall, built during the past year, furnishes ample accommodations for the department of Biology. It contains two laboratories for Zoölogy and one for Physiology, with a reference library adjoining; also several rooms for recitations in other departments. On the lower floor is an apartment designed for aquaria, which will prove an important adjunct to the biological laboratories, affording opportunity for the observation of living animals, and study of aquatic plants.

An astronomical observatory was completed in June, 1881. It contains a fine telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, John Payson Williston.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the First Year of the Classical Course are examined in the following subjects:—

MATHEMATICS.—Arithmetic, including the metric system of weights and measures; Algebra, Olney's University Algebra, Parts I. and II.; Plane Geometry, as found in Chauvenet, or its equivalent.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition, or an equivalent in Arnold, Allen and Greenough, or Harkness; Cæsar, Gallic War, four books; Cicero, seven orations; Virgil's Æneid, six books.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY.—History of the United States; Outlines of Universal History; Grecian History, to Age of Pericles; Roman History, to Imperial Period.

ENGLISH.—Correction of errors in Syntax, and an essay on an assigned subject; knowledge of principles as given in "How to Write Clearly," by E. A. Abbott, or in Welsh's "Essentials of English." In 1890 subjects will be given from Little Lord Fauntleroy, Mrs. Burnett; Hiawatha, Longfellow; Quentin Durward, Scott.

FRENCH OR GERMAN.—French: La Langue Française, Bercy. German: Otto's Elementary German Grammar, Das Deutsche Buch der Sauveur Schule. The examination is conducted in the language pursued.

SCIENCE OF GOVERNMENT, ELEMENTARY PHYSIOLOGY, ELEMENTARY BOTANY.

Subjects of examination for the Scientific Course are the same as for the Classical Course, with this exception; instead of Greek, further preparation in French or German will be required.

FRENCH.—Causeries avec mes Elèves, Sauveur; Grammaire et Exercices, Larive et Fleury; Fables de La Fontaine; Contes Merveilleux, Sauveur.

GERMAN.—Grammar: Deutsche Grammatik, Wenckebach or Whitney. Reading: Das Deutsche Buch, van Daell und Schrakamp; Bilderbuch ohne Bilder, Andersen. Conversation: Deutscher Anschauungs-Unterricht, Wenckebach.

Candidates for admission to the First Year of the Seminary Course are examined in the following subjects:—

MATHEMATICS.—Mental and Written Arithmetic, including the metric system of weights and measures; Olney's Complete School Algebra (an elementary work is not sufficient); Plane Geometry, as found in Chauvenet, or its equivalent. In order that the requisite mathematical discipline may be gained, it is desirable that there be a familiar acquaintance with two or three authors in higher arithmetic. A careful review of mental arithmetic is also important.

LATIN.—Latin Grammar; Jones's Latin Prose Composition; Cæsar's Gallic Wars, four books, or an equivalent amount of Cornelius Nepos, or Sallust; Cicero, seven orations. A thorough acquaintance with the principles of syntax is required.

ENGLISH.—See requirements for Classical Course.

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY of the United States.

Entrance examinations take place in June or at the opening of the year, in September; those who desire may present themselves Thursday A. M., June 13, 1889. A boarding place for two or three days should be secured in advance.

These examinations may be taken in Freeport, Ill., June 4. Any candidate desiring to take examinations there should communicate with Miss Mary C. Townsend, of Freeport, before May 25.

Although well qualified candidates may be admitted to the entering class at sixteen years of age, it is better that all should be seventeen or eighteen. None should enter the senior class under twenty.

Students are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain throughout the year.

COURSE OF STUDY.

The prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may be examined in any of the earlier studies of the course which they have thoroughly mastered elsewhere.

It is the aim of the course to give a solid and well-balanced education in those things which are fundamental, at the same time encouraging and providing facilities for further study in the various departments

ANCIENT LANGUAGES.—In Latin, much attention is at first devoted to grammatical forms and constructions, in respect to which the previous training of candidates is often found deficient. Subsequently, the literary characteristics of the various authors studied are especially kept in view.

Any who prefer to do so can give to the Greek language the time arranged for French or German in the Seminary Course, following the outline mentioned on page 36. The object of this course is that the student may acquire a substantial Greek vocabulary, a knowledge of grammatical construction, as well as the relation of the Greek language to the English, and also the history of Greek literature.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, together with a critical analysis of a few of the masterpieces, as presented in the best English versions. After some study of Indian and other Oriental literature, that of Greece is taken up, with the aid of the works of Mure, Müller, Gladstone, and others. The Homeric poems, and especially the Iliad, are carefully studied in

the light of the best literary criticism, as well as the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is taken up; and the most celebrated plays are read and discussed by the class. Similar studies of Roman literature are included in the plan, as well as some of mediæval times in the old Italian authors, the German, and the Norse.

MODERN LANGUAGES.—The language studied is the medium of instruction from the first, and the student is led step by step to comprehend its grammatical structure.

Attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of its literature.

ENGLISH LITERATURE.—The topical study and lectures of the regular course include the history of English literature from Chaucer to Wordsworth, and the works of the writers of this period. Constant use is made of the library, which is well supplied with the best authorities in literary history and criticism, and the best editions of the great English writers.

The elective course includes further study of masterpieces down to the present time, giving especial attention to the philosophy of literature.

RHETORIC.—Study of the principles of description, narration, exposition, argument, and persuasion, is combined with study of models from Irving, Hawthorne, Macaulay, Burke, and others, and followed by original essays. Spencer's essay on The Philosophy of Style is made a basis for the study of style. A consideration of the principles of criticism, the structure of English verse, and the theory of poetry, is supplemented by critical study of prose and poetry.

LOGIC.—The outline of formal logic is studied in Jevons's Lessons; the meaning and use of the syllogism, in C. C. Everett's Science of Thought. This work is supplemented by practice in testing arguments.

MATHEMATICS.—The required course includes plane, solid, and spherical geometry, algebra, and plane and spherical trigonometry. Original work is required in connection with geometry.

PHYSICS.—The subjects chiefly studied are hydrostatics, sound, heat, light, electricity, and magnetism. The recitations are accompanied by lectures and illustrative experiments by the teacher, and there is also each year a course of lectures by a non-resident professor. The apparatus is excellent, and there is opportunity for laboratory work.

ASTRONOMY.—The prescribed course takes up, in recitations, the fundamental facts and principles of the science, including something of its history, as well as recent theories and discoveries. Sun-spots, solar prominences, the moon, planets, double stars, star clusters, and nebulæ are frequently shown to the students. A most important addition to the other advantages provided for astronomical study is the biennial course of lectures by Dr. C. A. Young, of Princeton.

Those who desire, and are prepared for, advanced work in astronomy, have instruction and practice in the use of the sextant, meridian circle, equatorial telescope, and spectroscope.

CHEMISTRY.—The regular course provides for lectures and illustrative experiments by the teacher, with recitations and laboratory practice by the students, under the teacher's supervision. The subjects considered are chemical theories, non-metallic elements and their compounds, metals, and organic chemistry.

Laboratory work in qualitative and quantitative analysis is optional.

MINERALOGY, LITHOLOGY, AND GEOLOGY.—The course in mineralogy requires identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also, preparation of rock sections with the section cutter, and blowpipe determination.

In geology the successive formations are illustrated by charts and maps, especially the geological map prepared by Professor Hitchcock, of Dartmouth, the lecturer in this department. The progress of life is studied in connection with Ward's university series of casts, and the various collections of fossils. The paleontological department also contains a fine collection of the fossil footmarks of the Connecticut Valley.

PHYSIOLOGY AND HYGIENE.—Instruction in this branch is given by the resident physician. Students receive weekly lectures on elementary physiology and hygiene during the first year of the course. In further study, Martin's Human Body is used as a text book; structure being illustrated by the requisite apparatus, and by dissection of the lower animals; the study of function supplemented by laboratory work. Histology is studied by carefully selected microscopic slides. Lectures on sanitary science conclude the course.

ZOÖLOGY.—The required course begins with an outline of the classification of the animal kingdom, and study of the external characteristics of typical forms of vertebrates, using Jordan's Manual. The

dissection of one or more of these forms gives the student some idea of their anatomical structure. Similar studies are made of certain invertebrate forms, including the lobster, clam, and earthworm. Some time is devoted also to the lower forms of animal life.

BOTANY.—The Seminary course begins with the general morphology and classification of phænogams. General histology and physiology are afterwards taken up; and systematic botany is continued, with especial attention to the more difficult orders of phænogams. and the higher cryptogams. Each student is required to present for examination an herbarium of not less than seventy-five plants, and a list of at least two hundred plants analyzed.

A small plant house and botanic garden furnish opportunities for the study of hardy flora of other localities, and a few interesting species of tropical growth.

BIOLOGY.—This course consists mainly of laboratory work, with occasional lectures on the fundamental facts and principles of general biology. Instruction is given in histology, physiology, and classification, including with the microscopical work, the preparation, staining and mounting of specimens. Drawings and diagrams of the objects studied are required. Sedgwick and Wilson's General Biology is used in both laboratories, in studying the lower forms of life.

The botanical work is mainly in the special study of groups, and of typical grasses, sedges, vascular cryptogams, mosses, lichens, and lower plant forms.

The Gray series of text books is used, supplemented by Lesquereux and James's Mosses of North America, Farlow and Wolle's works on Algæ, and Rabenhorst Kryptogamen. The works of reference consulted are the botanies of Bessey, Bower and Vines, Sachs, Strasburger, and Goebel; also DeBary's Comparative Anatomy of Phanerogams and Ferns, and Poulsen's Botanical Micro-Chemistry.

In the zoölogical laboratory, Brooks's Handbook of Invertebrates, Packard's Zoölogy, Claus's Zoölogy, Huxley's Anatomy of Invertebrates, Huxley and Martin's Practical Biology, Balfour and Foster's Embryology, Balfour's Comparative Embryology, Quain's Anatomy, and Foster's Physiology, are much consulted. A thorough anatomical study of vertebrates is made, using Wilder's Anatomical Technology, and Mivart's work on The Cat.

The equipment for work in these laboratories includes twenty-four dissecting microscopes, as many compound microscopes, twelve of

which are Zeiss', with his new apochromatic objectives, and two Thoma microtomes.

HISTORY.—The course extends through eight terms. More than half the work is required, while the remainder is elective. Two terms of the required course are devoted to Grecian and Roman History, and four to Mediæval and Modern. The Seminary method is used. The department is supplied with a carefully selected library, maps, pictures, models, and coins.

CIVIL GOVERNMENT.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the text book, and consultation of authorities on the history of the Constitution, various related topics are presented by the teacher, including political, financial, and social questions of the day.

MENTAL AND MORAL SCIENCE.—The required course in these studies continues during a large part of the senior year. In the former the authors consulted are W. T. Harris, Hickok, Porter, Hopkins, Bowne, Ladd, and Dewey. In ethics, Hickok's Moral Science is used, with discussions on practical questions by the class.

THEISM AND CHRISTIAN EVIDENCES.—These subjects occupy the latter part of the senior year. Leading topics are systematically pursued, and the views of various authors considered. The works most consulted are Samuel Harris's Self-Revelation of God, Flint's Theism and Anti Theistic Theories.

HISTORY OF ART.—This study is pursued in the senior year, Lübke's History of Art furnishing the outline, with constant use of the best works of reference in each division of the subject. The historical development of art is philosophically traced, with the aid of excellent copies of several of the old masters, casts of antique statuary, and numerous photographs. Courses of lectures are also given by non-resident professors.

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OUTLINE OF COURSES OF STUDY.

CLASSICAL COURSE.

FIRST YEAR.

In each study, the time is four hours a week, unless specified.

FALL TERM.

LATIN.—Cicero: De Senectute; De Amicitia. Prose Composition; Reading at Sight.

MATHEMATICS.—Part III. Olney's University Algebra. *Two hours a week.*

GREEK.—Greek Historians; Prose Composition; Syntax of the Verb; Formation of Words.

WINTER TERM.

LATIN.—Livy, Books XXI. and XXII.; Prose Composition; Reading at Sight.

MATHEMATICS.—Solid and Spherical Geometry (Chauvenet).

GREEK.—Odyssey, Greek Literature; Reading at Sight; Prose Composition. *Three hours a week.*

SPRING TERM.

CHEMISTRY.—General Chemistry; Lectures and Laboratory Work

MATHEMATICS.—Olney's Plane and Spherical Trigonometry.

GREEK.—Demosthenes, and Greek Testament. *Two hours a week.*

RHETORIC.—Description; Narration; Exposition; Essays.
One hour a week, through the year.

ENGLISH LITERATURE.—Lectures; American Literature.
One hour a week, half the year.

DRAWING. *One hour a week.*

THE BIBLE.—Genesis and Exodus; The Gospels.
One hour a week, through the year.

GYMNASTICS.

SECOND YEAR.

FALL TERM.

CHEMISTRY.—Continued. *Two hours a week.*

LATIN.—Horace: Odes, Selections from Satires, Ars Poetica.

HISTORY.—Ancient History: Topics for the course philosophical; Library Work, independent criticism, lectures, and discussions. Special lines of work assigned each pupil. *Two hours a week.*

GREEK.—Greek Drama: Plato's Apology and Crito. *Three hours a week.*

WINTER TERM.

ANCIENT HISTORY. *Two hours a week.*

LATIN.—Tacitus. *Three hours a week.*

GREEK.—Lyric Poets and Greek Drama. *Three hours a week.*

ELECTIVES.

Two hours a week.

MATHEMATICS.—Analytic Geometry.

FRENCH.—Selections from Modern Plays; Grammar.

GERMAN.—Grammar; Poetry; Selections from German Prose.

CHEMISTRY.—Qualitative Analysis. *Six hours a week, counted as two.*

SPRING TERM.

HISTORY.—Mediæval: Lectures and Library Work.

BOTANY.—Gray's Lessons and Manual. Laboratory Work in Vegetable Histology and Cryptogamic Botany.

ELECTIVES.

Two hours a week.

MATHEMATICS.—Analytic Geometry.

LATIN.—Crowell's Selections from the Latin Poets; Pliny's Letters.

GREEK.—Plato's Phædo.

FRENCH.—Grammar; Translations from English into French; French Composition; Racine; Corneille.

GERMAN.—Grammar, Wenckebach; Immensee, Storm; Lyric Poems.

RHETORIC.—Argument; Persuasion; Style; English Verse; Theory of Poetry; Essays. *One hour a week, second and third terms.*

PHYSIOLOGY.—Lectures. *One hour a week.*

THE BIBLE.—Joshua, Judges, and Samuel; Acts.

GYMNASTICS. *One hour a week, through the year.*

JUNIOR YEAR.

FALL TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal Kingdom; Dissection of typical forms. *Three hours a week.*

BOTANY.—Laboratory Work. *Three hours a week, counted one.*

LOGIC.—Jevons's; C. C. Everett's Science of Thought; Harris's Theory of the Syllogism. *Two hours a week.*

HISTORY.—The Renaissance: The Reformation; The English Revolution. Lectures and Library Work. *One hour a week.*

ENGLISH LITERATURE. *Two hours a week.*

ELECTIVES.

Two hours a week.

FRENCH.—Molière; Lamartine; Madame de Sévigné.

GERMAN.—Syntax; Modern Plays.

LATIN.—Cicero de Immortalitate; Plautus.

MATHEMATICS.—Calculus.

WINTER TERM.

ENGLISH LITERATURE. *Two hours a week.*

HISTORY.—The French Revolution; European States since the Revolution. *Two hours a week.*

PHYSICS.—Mechanics: Atkinson's Ganot—Heat, Electricity. Experimental Lectures; Laboratory Work.

ELECTIVES.

Two hours a week.

FRENCH.—Translations from English into French, Chardenal; Mérimée; Victor Hugo; George Sand.

GERMAN.—Minna von Barnhelm, Lessing; Ballads; English into German.

MINERALOGY.—Description; Classification; Lithology; Crystallography. Microscopic Work. Dana's Manual.

PHYSIOLOGY.

BIOLOGY.—Animal or Vegetable.

SPRING TERM.

ASTRONOMY.—Young's General Astronomy; Lectures. *Three hours a week.*

GEOLOGY.—Dynamical, Structural, and Historical Geology. Dana. *Three hours a week.*

PHYSICS.—Sound, Light: Lectures: Laboratory Work. *Nine hours a week, counted as three.*

ELECTIVES.

Two hours a week.

FRENCH.—Continuation of Chardenal; French Composition; Histoire de la Littérature Française.

GERMAN.—Schiller's Maria Stuart; National-Literatur; Prose Composition.

HISTORY.—Constitutional History of England. Independent work on the part of the student. Principal authorities: Stubbs, Hallam, May.

ENGLISH LITERATURE.

PHYSICS.—Work in Laboratory.

RHETORIC.—Principles of Criticism; Studies in Criticism; History of English Language; Principles of Philology; Essays.

One hour a week, through the year.

THE BIBLE.—Kings and Chronicles; Hebrews.

One hour a week, through the year.

GYMNASTICS.

Students will be expected to elect three terms of consecutive work in either French or German.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to the Study of Philosophy (Harris); Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, and Dewey.

ELECTIVES.

Each three hours a week, and the student will select two.

ANCIENT LITERATURE.

LATIN.—Selections from Latin Poets; Quintilian.

GREEK.—Plato.

BIOLOGY.—Lectures; Laboratory Work.

HISTORY.—Constitutional History of the United States.

ASTRONOMY.—Spherical and Practical; with use of Instruments.

PHYSICS.

MINERALOGY.

GEOLOGY.

RHETORIC.

WINTER TERM.

POLITICAL ECONOMY. *Three hours a week.*

HISTORY OF ART.

HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.

Three hours a week, six weeks.

THEISM AND CHRISTIAN EVIDENCES.—Modern Forms of Skepticism; Flint's Theism and Anti-Theistic Theories; Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science. Discussions by the class on practical subjects.

THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.—Woolsey.

CHEMISTRY.—Quantitative Analysis.

HISTORY.

ENGLISH LITERATURE.

ANGLO-SAXON.

BIOLOGY.—Botany or Zoölogy.

PHYSICS.

RHETORIC.—Critical Study of literary models, and original essay-writing.

THE BIBLE.—The Prophetical Books; Romans.

One hour a week, through the year.

GYMNASTICS.

ELOCUTION or VOCAL MUSIC through three years of the course.

One hour a week.

SCIENTIFIC COURSE.

FIRST YEAR.

FALL TERM.

LATIN.—Cicero: De Senectute; De Amicitia. Prose Composition; Reading at Sight.

MATHEMATICS.—Algebra (Olney's University). *Two hours a week.*

FRENCH.—Selected Prose; Grammar.

OR GERMAN.—Grammar; Immensee, Storm; Modern Plays; Lyric Poems.

WINTER TERM.

LATIN.—Livy, Books XXI. and XXII.
MATHEMATICS.—Geometry, Solid and Spherical.
FRENCH.—See Classical Course, Second Year, Winter Term.
Three hours a week.
OR GERMAN.—Syntax; Buckheim's Prose Composition; Minna von Barnhelm, Lessing. *Three hours a week.*

SPRING TERM.

CHEMISTRY.—General Chemistry; Lectures; Laboratory Work.
MATHEMATICS.—Trigonometry, Plane and Spherical.
FRENCH.—See Classical Course, Second Year, Spring Term.
Two hours a week.
OR GERMAN.—Schiller's Maria Stuart; Prose Composition; Ballads.
Two hours a week.

PHYSIOLOGY.—Lectures. *One hour a week, half the year.*
RHETORIC.—See Classical Course.
DRAWING. *One hour a week, through the year.*
BIBLE.—Genesis and Exodus; Gospels. *One hour a week.*
GYMNASTICS.

SECOND YEAR.

FALL TERM.

CHEMISTRY.—General Chemistry; Lectures and Laboratory Work.
Two hours a week.
MATHEMATICS.—Analytic Geometry.
HISTORY, ANCIENT.—See Classical Course. *Two hours a week.*
FRENCH.—See Classical Course, Junior Year, Fall Term. *Three hours a week.*
OR GERMAN.—Schiller's Jungfrau von Orleans; Kluge, National-Litteratur; Composition. *Three hours a week.*

WINTER TERM.

HISTORY, ANCIENT.—Continued. *One hour a week.*
MINERALOGY.—Description; Classification; Lithology. *Three hours a week.*
FRENCH.—See Classical Course, Junior Year, Winter Term. *Two hours a week.*
OR GERMAN.—Literature, with selections from Classical Authors; Scientific German. *Two hours a week.*

ELECTIVES.
Four hours a week.

CHEMISTRY.—Continued.
MATHEMATICS.—Differential Calculus.

SPRING TERM.

HISTORY.—Mediæval and Modern; Lectures and Library Work.

BOTANY.—Gray's Lessons and Manual; Laboratory Work in Vegetable Histology and Cryptogamic Botany.

ELECTIVES.

Two hours a week.

MATHEMATICS.—Integral Calculus.

LATIN.—Crowell's Selections from Latin Poets; Pliny's Letters.

FRENCH.—See Classical Course, Junior Year, Spring Term.

GERMAN.—See Winter Term.

CHEMISTRY.—Theoretical Chemistry.

RHETORIC.—See Classical Course.

ELOCUTION AND VOCAL MUSIC. *Each one hour a week, half the year.*

BIBLE.—Joshua, Judges, and Samuel; Acts. *One hour a week.*

GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal Kingdom; Dissection of typical forms.

HISTORY, MODERN.—See Classical Course. *Two hours a week.*

BOTANY. *Six weeks.*

MECHANICS. *Six weeks.*

WINTER TERM.

ENGLISH LITERATURE.

PHYSICS.—Atkinson's Ganot: Heat, Electricity, and Magnetism; Experimental Lectures; Laboratory Work.

ELECTIVES.

Two hours a week.

PHYSIOLOGY.—Lectures and Laboratory Work.

MINERALOGY.—Laboratory Work; Crystallography and Blowpipe Determination.

CHEMISTRY.—Qualitative Analysis.

FRENCH.—See Optional Courses in Languages.

GERMAN.—Schiller's Wilhelm Tell or Goethe's Iphigenie; Literature; Scientific German; Composition.

BIOLOGY.—Botany or Zoölogy.

SPRING TERM.

ASTRONOMY.—Young's General Astronomy; Lectures.
GEOLOGY.—Dynamical, Structural, and Historical Geology. *Three hours a week.*
PHYSICS.—Sound, Light; Lectures; Laboratory Work.
Nine hours a week, counted as three.
RHETORIC.—See Classical Course.
ELOCUTION AND VOCAL MUSIC. *Each one hour a week, half the year.*
BIBLE.—Kings and Chronicles; Hebrews. *One hour a week.*
GYMNASTICS.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to study of Philosophy (Harris): Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, and Dewey.

ELECTIVES.

The Elective Studies are each three hours a week, and the student will select two.

ANCIENT LITERATURE.—Greek and Oriental.
HISTORY.—Constitutional History of the United States.
ASTRONOMY.—Spherical and Practical, with use of Instruments.
PHYSICS.—Laboratory Work.
MINERALOGY.
CHEMISTRY.—Quantitative Analysis; Organic Chemistry.
BIOLOGY.—Botany or Zoölogy.
MATHEMATICS.—Advanced Analytic Geometry.

WINTER TERM.

POLITICAL ECONOMY.—See Classical Course.
HISTORY OF ART.
HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.
Three hours a week. Six weeks.
THEISM AND CHRISTIAN EVIDENCES.—Modern Forms of Skepticism: Flint's Theism and Anti-Theistic Theories; Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science: Discussions by the class on practical subjects.
THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.—(Woolsey).
ENGLISH LITERATURE.
PHYSICS.
GEOLOGY.
BIOLOGY.—Botany or Zoölogy.
MATHEMATICS.—Determinants.

RHETORIC.—See Classical Course.
BIBLE.—Prophetical Books; Romans.
GYMNASTICS.

SEMINARY COURSE.

FIRST YEAR.

FALL TERM.

In each study the time is four hours a week, unless otherwise specified.

LATIN.—Cicero de Senectute, with Exercises in Prose Composition; Reading at sight.
MATHEMATICS.—Olney's University Algebra.
ANCIENT HISTORY.—Oriental and Grecian. *Two hours a week.*

WINTER TERM.

LATIN.—Virgil's Eclogues; Æneid, one book, including Mythology, Geography, Prosody; Exercises in Prose Composition; Reading at sight.
MATHEMATICS.—Chauvenet's Geometry, solid and spherical.
ANCIENT HISTORY.—Roman. *Two hours a week.*

SPRING TERM.

LATIN.—Virgil's Æneid, four books; Prose Composition; Reading at sight.
BOTANY.—Gray's Lessons and Manual; Laboratory Work in Vegetable Histology, and Cryptogamic Botany. *Two hours a week.*
CHEMISTRY.—General Chemistry; Lectures and Laboratory Work.

RHETORIC.—Diction, sentences and paragraphs; Letter writing; Abstracts; Description; Construction of Plans. *One hour a week, through the year.*

PHYSIOLOGY.—Lectures. *One hour a week, half the year.*

BIBLE.—Genesis and Exodus; the Gospels. *One hour a week, through the year.*

VOCAL MUSIC.—*One hour a week, through the year.*

GYMNASTICS.

SECOND YEAR.

FALL TERM.

LATIN.—Livy, Books XXI. and XXII.; Prose Composition; Reading at sight.

BOTANY. *Six weeks*

BIOLOGY. Botany or Zoölogy. *Six weeks.*

ELECTIVES.

Three hours a week.

FRENCH.—La Langue Française, Bercy; Grammaire et Exercices, Larive et Fleury.

GERMAN.—Das Deutsche Buch, van Daell und Schrakamp; Object Lessons; Exercises in writing.

WINTER TERM.

FRENCH.—Grammaire et Exercices; Fables de La Fontaine; Contes Merveilleux, Sauveur.

OR GERMAN.—Das Deutsche Buch; Wenckebach's Anschauungs-Unterricht; Otto's Elementary Grammar; Exercises in writing; Reading at sight.

MATHEMATICS.—Olney's Plane and Spherical Trigonometry.

CIVIL GOVERNMENT.—Including practical talks upon important acts of Congress, and upon topics of the times. *Two hours a week.*

SPRING TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal kingdom; Dissection of typical forms.

MINERALOGY.—Dana's Manual; Description and Classification; Lithology. *Two hours a week.*

ANCIENT HISTORY. *Six weeks.*

LOGIC.—Jevons's; C. C. Everett's Science of Thought. *Six weeks.*

ENGLISH LITERATURE.—American. *One hour a week, half the year.*

RHETORIC.—Narration; Style; English Verse; Theory of Poetry. Essays. *One hour a week, through the year.*

BIBLE.—Joshua, Judges, Samuel; Acts. *One hour a week, through the year.*

ELOCUTION. *Two hours a week, half the year.*

VOCAL MUSIC. *One hour a week, through the year.*

GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

LATIN.—Horace. Selections from Satires and Odes; Carmen Seculare; Ars Poetica.

HISTORY.—Mediæval and Modern; Lectures and Library Work.

GEOLOGY.—Dynamical, Structural, and Historical (Dana). *Three hours a week.*

WINTER TERM.

PHYSICS.—Mechanics; Atkinson's Ganot—Heat, Electricity; Experimental Lectures; Laboratory Work.

ENGLISH LITERATURE.—General.

ELECTIVES.

Two hours a week.

MATHEMATICS.—Olney's University Algebra, Part III. Analytic Geometry.

HISTORY.

CHEMISTRY.—Laboratory Work.

BIOLOGY.—Botany or Zoölogy.

FRENCH. } See Optional Courses.
GERMAN. }

SPRING TERM.

PHYSICS.—Sound, Light; Lectures; Laboratory Work. *Nine hours a week, counted as three.*

ASTRONOMY.—Young's General Astronomy; Lectures. *Three hours a week.*

PHYSIOLOGY.—Human Anatomy and Physiology, with special reference to Hygiene; Histology; Lectures on Sanitary Science. *Two hours a week.*

ELECTIVES.

Two hours a week.

LATIN.—Tacitus: Germania and Agricola. Pliny's Letters.

MATHEMATICS.—Analytic Geometry, Continued.

BLOWPIPE DETERMINATION.

CRYSTALLOGRAPHY.—Microscopic Work with Polarizer.
QUALITATIVE ANALYSIS.
BIOLOGY.—Botany or Zoölogy.
FRENCH. } See Optional Courses.
GERMAN. }

RHETORIC.—Exposition; Argument; Persuasion; Principles of Criticism. Essays. *One hour a week, through the year.*
BIBLE.—Kings, Chronicles; Hebrews. *One hour a week, through the year.*
ELOCUTION OR VOCAL MUSIC. *Two hours a week, through the year.*
GYMNASTICS.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to Study of Philosophy (Harris); Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, Dewey.
ANCIENT LITERATURE.—Oriental and Classical.

ELECTIVES.

Two hours a week.

CONSTITUTIONAL HISTORY of United States.
ENGLISH LITERATURE.—Dramatic and Epic Poetry.
PHYSICS.—Laboratory Work.
ASTRONOMY.—Spherical and Practical; with use of Instruments.
BIOLOGY.—Botany or Zoölogy.
FRENCH.
GERMAN.

WINTER TERM.

POLITICAL ECONOMY.—Walker, Clark, Mill; Lectures. *Two hours a week.*
HISTORY OF ART.
HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.
OR CLASSICAL LITERATURE. *Six weeks.*
THEISM AND CHRISTIAN EVIDENCES.—Modern forms of Skepticism; Flint's Theism and Anti-Theistic Theories; Samuel Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science; Discussions by the class on practical subjects.
THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.
GEOLOGY.
MINERALOGY.
LATIN.—Cicero de Immortalitate.
RHETORIC.
ENGLISH LITERATURE.—Nineteenth Century Authors.
BIOLOGY.—Botany or Zoölogy.

RHETORIC.—Critical Study of literary models, and original essay-writing.
BIBLE.—The Prophetical Books; Romans.

One hour a week, through the year.

ELOCUTION OR VOCAL MUSIC.

One hour a week, through the year.

GYMNASTICS.

OPTIONAL COURSES IN LANGUAGES.

The following courses in Greek, French, and German may be pursued in addition to the Seminary course. To one who completes either a special diploma is presented.

GREEK COURSE.

First Year—White's Lessons and Goodwin's Grammar; Xenophon's Anabasis. *Second Year*—Selections from Herodotus and Thucydides: Homer's Iliad or Odyssey. *Third Year*—Demosthenes's Olynthiacs and Philippics; Prometheus of Æschylus. *Fourth Year*—Plato's Apology; Antigone of Sophocles; Alcestis of Euripides. Prose Composition and Reading at sight each year.

FRENCH COURSE.

First Year.—La Langue Française, Bercy; Grammaire et Exercices, Larive et Fleury; Fables de La Fontaine; Contes Merveilleux, Sauveur. *Second Year*—Auteurs Contemporains; Grammaire et Exercices, continued; Poésies; Modern Plays, Feuillet, Sardou, Victor Hugo; Selections from George Sand, Lamartine, etc.; Composition, Roulier. *Third Year*—Histoire de la Littérature Française; Racine; Molière; Corneille; Composition; Roulier, Chardenal. *Fourth Year*—Histoire de la Littérature Française; La Bruyère; Madame de Sévigné; Selections from French historians and latest writers; Reviews and Magazines; Composition.

GERMAN COURSE.

First Year—Reading: Das Deutsche Buch, van Daell und Schrakamp; Conversation; Wenckebach's Anschauungs-Unterricht; Elementary Grammar, Otto; Exercises in writing; Reading at sight. *Second Year*—Deutsche Grammatik für Amerikaner, Wenckebach; Oral and Written Exercises: Andersen's Bilderbuch ohne Bilder; Selected German Prose; Modern Plays. *Third Year*—Minna von Barnhelm, Lessing; Schiller's Maria Stuart and Jungfrau von Orleans; English into German; Poetry. *Fourth Year*—History of German Literature, with selections from the Classical Authors; Schiller's Wilhelm Tell, Goethe's Faust, and Iphigenie auf Tauris; Letters and Compositions.

DRAWING AND PAINTING.

Lessons in charcoal-drawing, from casts or models, and in sketching from nature, are furnished without extra charge. A normal class, also, is instructed in the elementary forms of design, and in outline-drawing. Painting is taught, in both water-colors and oils.

MUSIC.

All the students have regular lessons in choral classes. Private instruction in the cultivation of the voice, or in piano music, is at the rate of $15 for twenty lessons, besides the use of the instrument.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $200 for the year; $100 *to be paid the first Monday of the fall term, and* $100 *the first Monday of the second term.* If, for any reason, the student should remain but a part of the year, the charge will be higher,—at the rate of $6 per week for the time spent at the Institution. No deduction is made for temporary absences.

It is preferred that payment should be made in checks, on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

It is important that the term-bills be paid promptly.

FAMILY ARRANGEMENTS.

All the teachers and students reside in the building, mingling constantly in the familiar intercourse of a well-ordered Christian home. Every student has her own small but definite share in securing the comfort of the large household. The daily hour spent by each in domestic duties, under systematic planning and skillful supervision, disposes of the ordinary household affairs promptly and well. It gives healthful exercise, cultivates a taste for home occupations, honors labor, and makes the Institution not only less expensive, but more independent than it could be with the scores of servants that would otherwise be required. The student sees what system, co-operation, and prompt activity can do; and, in time, she finds herself able, not only to take responsibility, but to enjoy it. And thus, in future years, she will bear her part among the workers of the world with the greater ease and success.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening nor Saturday.

Friends of the Institution, or strangers desiring to visit it, are at liberty to call upon the teachers at any time most convenient to themselves, the Sabbath excepted.

CARE OF THE HEALTH.

Daily exercise in the open air is ordinarily required; and during most of the year light gymnastics on two days of the week, unless excused by the physician. The gymnasium is spacious, well lighted, and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The lady physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary.

THE SABBATH.

Attendance at church in the morning is required, and also at the Bible recitation in the afternoon.

Students do not make or receive calls upon the Sabbath, nor should they spend a single Sabbath away from the Seminary during term-time. However great may be its privileges elsewhere, the excitement of meeting friends and of visiting must prevent, in a measure, the benefit that might otherwise be gained. The religious influence of the Institution, which, though unsectarian, has always been positive and strong, would be greatly hindered were such absences allowed.

CALENDAR FOR 1889 90.

FALL TERM begins	Thursday, Sept. 12, 1889.
FALL TERM ends	Thursday, Dec. 19, 1889.
WINTER VACATION	Dec. 20 to Jan. 2.
WINTER TERM begins	Friday, Jan. 3, 1890.
WINTER TERM ends	Thursday, March 27, 1890.
SPRING VACATION	March 28 to April 9.
SPRING TERM begins	Thursday, April 10, 1890.
SPRING TERM ends	Thursday, June 26, 1890.

The annual meeting of the National Association of Mount Holyoke Alumnæ will be held Wednesday P. M., June 26.

The anniversary exercises will be Thursday, June 27, commencing at eleven o'clock A. M. Address by Rev. Luther T. Townsend, D. D., of Boston University.

APPLICATIONS.

Communications relating to admission may be addressed to the President. The name, age, attainments, and general characteristics of the applicant should be stated.

TO CANDIDATES FOR ADMISSION.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

It is important that all should come on Wednesday, September 11, that they may be in readiness to commence their examinations Thursday morning.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Provide clothing suitable for the season and climate, including flannels, woolen hose, thick shoes, overshoes, leggings, and a dress for gymnastic exercises; also an umbrella. All these articles should be brought at the beginning of the school-year. The gymnastic dress may be of flannel (dark blue is preferred), made with blouse-waist, sleeves full, belt loose, and the hem of the skirt seven inches from the floor.

It is especially desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, including a Bible dictionary.

Books and stationery can be purchased at the Seminary on reasonable terms.

During the month of May a copy of the catalogue will be forwarded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary and College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet accommodation trains. At Holyoke, stages meet express trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in New York City, Boston, Albany, and all the large towns on the Boston and Albany Railroad.

There is a telegraph office in South Hadley, in the immediate vicinity of the Seminary.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke Seminary and College, in South Hadley, Mass., the sum of dollars, to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

HISTORY OF MOUNT HOLYOKE SEMINARY.

This volume of 400 pages, published in 1887, gives an account of the origin and growth of the Seminary during its first half century, and is liberally illustrated with heliotypes and steel engravings. It is sold only at the Seminary and at the uniform price of $2.00, or $2.25 if sent by mail or express prepaid.

A JUBILEE MEMORIAL,

Containing the report of the commemorative exercises of the fiftieth anniversary, with addresses, poems, etc., will be sent by mail for 25 cents.

GENERAL CATALOGUE.

A general catalogue of the officers and students of the Seminary from 1837 to 1889 has been published. It includes the names of all who have been members of the school, with the school address, the present or last reported address, the names of husbands, date of marriage, and in the case of students the place and date of death, so far as known. Price, by mail, 75 cents.

Orders for either of these books may be addressed, Mount Holyoke Seminary and College, South Hadley, Mass.

A copy of the annual catalogue will hereafter be sent to any Holyoke student who will forward her address during the month of March.

Members of the Memorandum Society please notice this condition.

MOUNT HOLYOKE SEMINARY,

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

FIRST CLASS GRADUATED

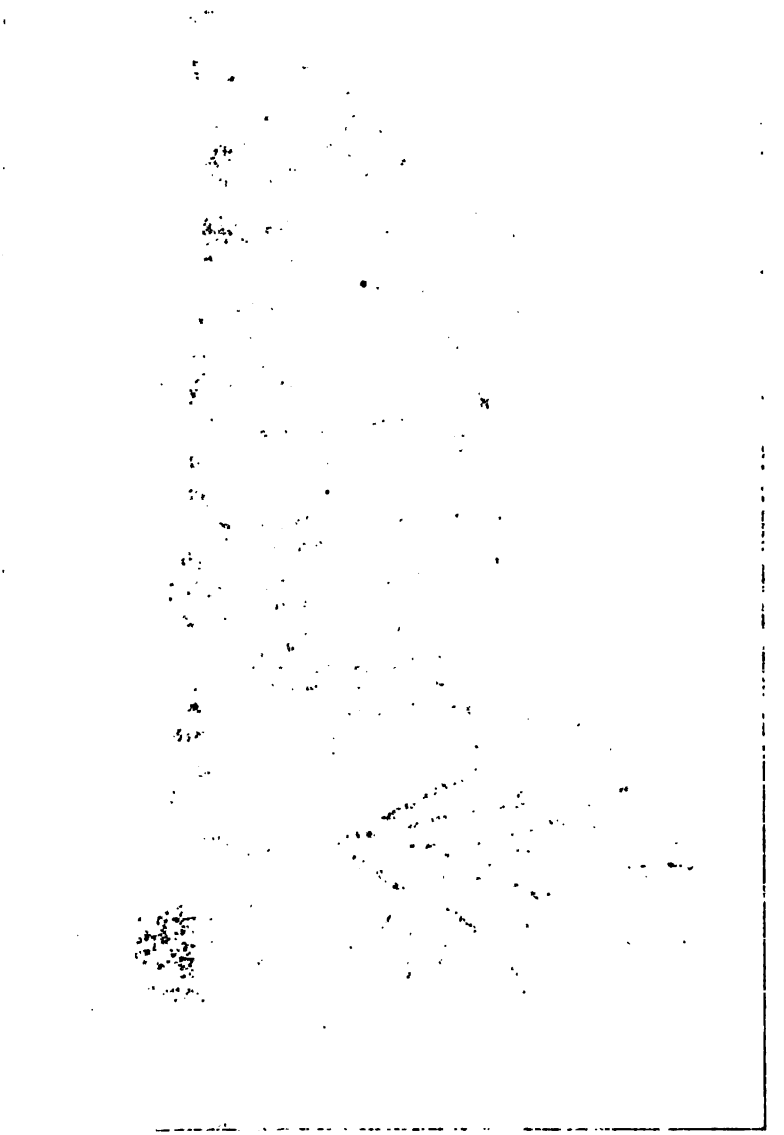
AUGUST 23, 1838.

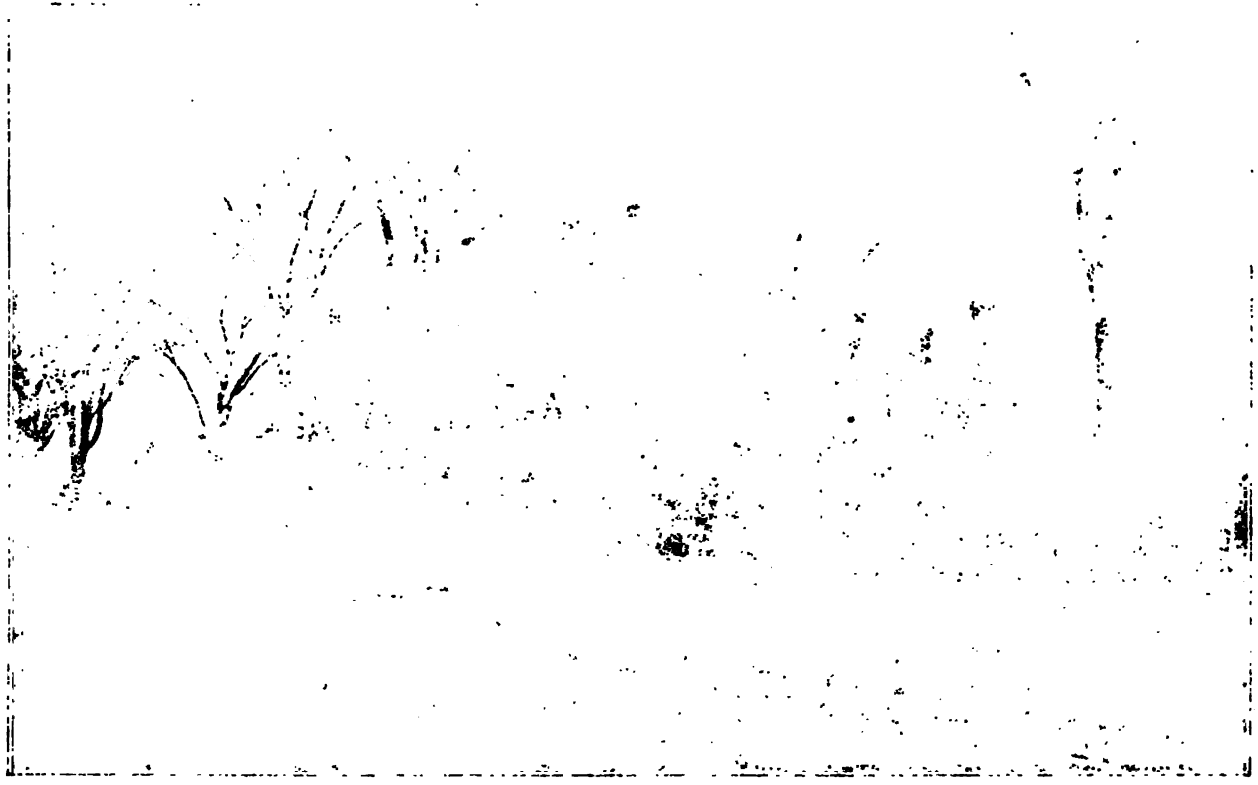
CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.





MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL, MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.

ANNUAL CATALOGUE

OF THE

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BUILDINGS AND GROUNDS.

THE grounds, containing seventy acres, descend gradually from the rear of the buildings to a small stream broadening into a pond. A driveway across this stream extends to the Pavilion on Prospect Hill, which now bears the name of Goodnow Park, in honor of the donor, Hon. E. A. Goodnow of Worcester. The pond, furnished with boats and boathouse, affords opportunities for rowing and skating.

The main edifice, which fronts west, has at each end a wing extending eastward; the extremities of the two wings are connected by the gymnasium, thus enclosing a quadrangle.

Steam heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance, from an artesian well four hundred and fifty feet deep.

The library, a fire-proof building connected with the main edifice, has recently been enlarged by adding a room whose compactly arranged cases will shelve within easy reach twenty-five thousand volumes, while the pleasant and well filled alcoves of the original apartment remain nearly unchanged. The books number about thirteen thousand, chosen with careful reference to the courses of study; and students have direct access to them fourteen hours a day, assisted by a card catalogue and a classified index. The excellent supply of current literature in the reading room and library includes both home and foreign publications.

The Lyman Williston Hall contains large and well appointed rooms for lectures and recitations in the natural sciences, extensive cabinets, laboratories for practical work, and valuable apparatus.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist;

the "Conway Meadows," by George Inness; "Coast of Norway," by Robert Kluth, a recent gift from Hon. E. A. Goodnow; and pictures by other well-known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and others. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings. To these has lately been added a set of carbon photographs from Rembrandt's most noted works.

A recent addition to Williston Hall furnishes ample accommodations for the department of Biology. It contains two laboratories for Zoölogy and one for Physiology, with a reference library adjoining; also several rooms for recitations in other departments. On the lower floor is an apartment designed for aquaria, which will prove an important adjunct to the biological laboratories, affording opportunity for the observation of living animals, and study of aquatic plants.

An astronomical observatory was completed in June, 1881. It contains a fine telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, John Payson Williston.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the First Year of the Classical Course are examined in the following subjects:—

MATHEMATICS.—Arithmetic, including the metric system of weights and measures; Algebra, Olney's University Algebra, Parts I. and II.; Plane Geometry, as found in Chauvenet, or its equivalent, including original work.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition, or an equivalent in Arnold, Allen and Greenough, or Harkness; Cæsar, Gallic War, four books; Cicero, seven orations; Virgil's Æneid, six books. The Roman pronunciation is used.

GREEK. — Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY.—History of the United States; Outlines of Universal History; Grecian History, to Age of Pericles; Roman History, to Imperial Period.

ENGLISH.—Correction of errors in Syntax, and an essay on an assigned subject; knowledge of principles as given in How to Write Clearly, by E. A. Abbott, or in Welsh's Essentials of English.

In 1890 subjects will be given from Mrs. Burnett's Little Lord Fauntleroy; Longfellow's Hiawatha; Scott's Quentin Durward.

In 1891 the subjects will be from Longfellow's Courtship of Miles Standish; Irving's Alhambra; George Eliot's Silas Marner.

FRENCH OR GERMAN. — French: La Langue Française, Bercy. German: Otto's Elementary German Grammar, Das Deutsche Buch der Sauveur Schule. The examination is conducted in the language offered.

CIVIL GOVERNMENT, ELEMENTARY PHYSIOLOGY, ELEMENTARY BOTANY.

Subjects of examination for the Scientific Course are the same as for the Classical Course, with this exception; instead of Greek, further preparation in French or German will be required.

FRENCH.—Causeries avec mes Elèves, Sauveur; Grammaire et Exercices, Larive et Fleury; Fables de La Fontaine; Contes Merveilleux, Sauveur.

GERMAN.—Grammar: Deutsche Grammatik, Wenckebach or Whitney. Reading: Das Deutsche Buch, van Daell und Schrakamp; Bilderbuch ohne Bilder, Andersen. Conversation: Deutscher Anschauungs-Unterricht, Wenckebach.

Candidates for admission to the First Year of the Seminary Course are examined in the following subjects:—

MATHEMATICS.—Arithmetic, including the metric system of weights and measures; Olney's Complete School Algebra (an elementary work is not sufficient); Plane Geometry, as found in Chauvenet, or its equivalent, including original work. In order that the requisite mathematical discipline may be gained, a familiar acquaintance with two or three authors in higher arithmetic is desirable. A careful review of mental arithmetic is also important.

LATIN.—Latin Grammar; Jones's Latin Prose Composition; Cæsar's Gallic Wars, four books, or an equivalent amount of Cornelius Nepos, or Sallust; Cicero, seven orations. A thorough acquaintance with the principles of syntax is required. The Roman pronunciation is used.

ENGLISH.—See requirements for Classical Course.

GEOGRAPHY; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY of the United States.

Entrance examinations take place in June or at the opening of the year, in September; those who desire may present themselves Wednesday A. M., June 4, 1890. A boarding place for three or four days should be secured in advance.

These examinations may be taken in Freeport, Ill., May 27. Any candidate desiring to take examinations there should communicate with Miss Mary C. Townsend, of Freeport, before May 17.

Although well qualified candidates may be admitted to the entering class at sixteen years of age, it is preferred that all should be seventeen or eighteen, and that none should enter the senior class under twenty.

Students are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain throughout the year.

COURSES OF STUDY.

Each prescribed curriculum is arranged to occupy four years. At the opening of the fall term, however, students may be examined in any of the earlier studies of the course which they have thoroughly mastered elsewhere.

It is the aim of the institution to give a solid and well-balanced education in fundamental principles, while encouraging and providing facilities for further study in the various departments.

ANCIENT LANGUAGES.—In Latin, much attention is at first devoted to grammatical forms and constructions, in which the previous training of candidates is often found deficient. Subsequently, the literary characteristics of the various authors studied are especially kept in view.

In Greek, the object is to give a substantial vocabulary, a knowledge of grammatical construction, an acquaintance with the history of Greek literature, and the relation of Greek to English. Those in the

Seminary course, who prefer, may give to this language the time arranged for French or German, following the outline presented on page 35.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, with a critical analysis of a few of the masterpieces, as presented in the best English versions. The study of Indian and other Oriental literature is followed by that of Greece, with the aid of the works of Mure, Müller, Gladstone, and others. The Homeric poems, and especially the Iliad, are carefully studied in the light of the best literary criticism, and the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is considered; and the most celebrated plays are read and discussed by the class. The plan includes similar studies of Roman literature, and of mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.—The language studied is the medium of instruction from the first, and the student is led step by step to comprehend its grammatical structure.

Attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of its literature.

ENGLISH LITERATURE.—Besides the lectures on English nineteenth century and American literature, in the first year of the Classical and second of the Seminary course, the topical and text study and lectures required, include the history of English literature from Chaucer to Wordsworth, and the works of the writers of that period, as far as time will allow. Constant use is made of the library, which is well supplied with the best authorities in literary history and criticism, and the best editions of the great English writers.

The elective work includes more extended study of Chaucer, Spenser, and Milton; Shakspeare's Tragedies and Comedies; Shakspeare's Historical Plays; prose and poetry of the eighteenth and early nineteenth centuries; the Victorian literature.

RHETORIC.—Study of the principles of description, narration, exposition, argument, and persuasion, is combined with study of models from Irving, Hawthorne, Newman, Macaulay, Lincoln, Curtis, and others, and followed by original essays. Spencer's essay on The Philosophy of Style is made a basis for the study of style. A consideration of the principles of criticism, the structure of English verse,

and the theory of poetry, is supplemented by critical study of prose and poetry.

PHILOLOGY.—Peile's Primer of Philology, and Müller's and Whitney's Lectures on Language. Trench's Study of Words. History of English Language, Marsh and Oliphant.

LOGIC.—The outline of formal logic is studied in Jevons's Lessons; the meaning and use of the syllogism, in C. C. Everett's Science of Thought. This work is followed by practice in testing arguments.

MATHEMATICS.—The required course includes plane, solid, and spherical geometry, algebra, and plane and spherical trigonometry. Original work is required in connection with geometry.

PHYSICS.—The subjects chiefly studied are hydrostatics, sound, heat, light, electricity, and magnetism. The recitations are accompanied by lectures and illustrative experiments by the teacher, and there is also each year a course of lectures by a non-resident professor. The apparatus is excellent, and there is opportunity for laboratory work.

ASTRONOMY.—The prescribed course teaches the fundamental facts and principles of the science, including a knowledge of its history, with recent theories and discoveries. Sun-spots, solar prominences, the moon, planets, double stars, star clusters, and nebulæ are frequently shown to the students. A most important addition to the advantages provided for astronomical study is the biennial course of lectures by Dr. C. A. Young, of Princeton.

Those who desire, and are prepared for, advanced work in astronomy, have instruction and practice in the use of the sextant, meridian circle, equatorial telescope, and spectroscope.

CHEMISTRY.—The regular course provides for lectures and illustrative experiments by the teacher, with recitations and laboratory practice by the students under the teacher's supervision. The subjects considered are chemical theories, non-metallic elements and their compounds, metals, and organic chemistry.

Laboratory work in qualitative and quantitative analysis is optional.

MINERALOGY, LITHOLOGY, AND GEOLOGY.—The course in mineralogy requires identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also, preparation of rock sections with the section cutter, and blowpipe determination.

In geology the successive formations are illustrated by charts and maps, especially the geological map prepared by Professor Hitchcock, of Dartmouth, the lecturer in this department. The progress of life is studied in connection with Ward's university series of casts, and the various collections of fossils. The paleontological department also contains a fine collection of the fossil footmarks of the Connecticut Valley.

PHYSIOLOGY AND HYGIENE.—Instruction in this branch is given by the resident physician. Students receive weekly lectures on elementary physiology and hygiene during the first year of the course. In further study, Martin's Human Body is used as a text book; structure being illustrated by the requisite apparatus, and by dissection of the lower animals; the study of function is supplemented by laboratory work. Histology is studied by carefully selected microscopic slides. Lectures on sanitary science conclude the course.

ZOÖLOGY.—The required course begins with an outline of the classification of the animal kingdom, and study of the external characteristics of typical forms of vertebrates. The dissection of one or more of these forms gives an idea of anatomical structure. Similar studies are made of invertebrate types, including the lobster, clam, and earthworm.

In the laboratory, Brooks's Handbook of Invertebrates, Packard's Zoölogy, Claus's Zoölogy, Huxley's Anatomy of Invertebrates, Huxley and Martin's Practical Biology, Balfour and Foster's Embryology, Balfour's Comparative Embryology, Quain's Anatomy, and Foster's Physiology, are much consulted. Wilder's Anatomical Technology, and Mivart's work on The Cat, are used in the study of vertebrates.

BOTANY.—The Seminary and College courses in Botany are similar, but work in the latter requires previous preparation and advances farther.

First Year.—Lectures on General Morphology and Physiology; laboratory and field work; classification of Phænogams and higher Cryptogams; drawing of typical forms.

Second Year.—A list of at least one hundred and seventy-five plants analyzed; an herbarium of seventy-five specimens, including composite plants, grasses, sedges, ferns, mosses, and marine algæ; comparison of the life histories of these and of lower forms.

Third Year.—Elective work in Histology, Physiology, and Embryology; specific line determined mainly by individual ability and choice.

The Gray's New Manual and Lessons, used as a text book, is supplemented by Handbook of Cryptogamic Botany, Bennet and Murray, Lesquereux and James's Manual of Mosses; Farlow's, Wolle's, and Cooke's Algæ; Rabenhorst's Kryptogamen. The chief works of reference in the laboratory are the botanies of Bessey, Sachs, Strasburger, and Goebel; Vines's Physiology of Plants, De Bary's Comparative Anatomy of Phænerogams and Ferns, and Poulsen's Botanical Micro-Chemistry. The laboratory is also furnished with a complete set of Professor Kny's botanical charts, the Auzoux plant models, and selections from those of Brendel.

A small plant house and botanic garden furnish opportunities for the study of hardy flora of other localities, and a few interesting species of tropical growth.

BIOLOGY.—This course consists mainly of laboratory work, with occasional lectures on the fundamental facts and principles of general biology. Instruction is given in physiology, histology, and embryology, including with the microscopical work, the preparation, staining, and mounting of specimens. Drawings and diagrams of the objects studied are required in both laboratories.

The equipment for work in these laboratories includes thirty-six dissecting microscopes, twenty-five compound microscopes, twelve of which are Zeiss', with his new apochromatic objectives, two Thoma microtomes, and Hartnack's embryograph.

There is also a well selected working library of about seven hundred volumes. The periodicals include Pringsheim's Jahrbuch, Botanische Zeitung, The Torrey Botanical Club, Annals of Botany, (each of the four with back volumes complete,) Botanical Gazette, Nature, Science, Quarterly Journal of Microscopical Science, American Journal of Microscopical Science, American Naturalist, Popular Science Monthly.

HISTORY.—This study extends through eight terms of the Classical Course, two of which are elective. Two terms are devoted to Grecian and Roman History, and four to Mediæval and Modern. The Seminary method is used. The department is supplied with a carefully selected library, maps, pictures, models, and coins.

CIVIL GOVERNMENT.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the text book, and consulta-

tion of authorities on the history of the Constitution, various related topics are presented by the teacher, including political, financial, and social questions of the day.

MENTAL AND MORAL SCIENCE. — The required course in these studies continues during a large part of the senior year. In the former the authors consulted are W. T. Harris, Hickok, Porter, Hopkins, Bowne, Ladd, and Dewey. In ethics, Hickok's Moral Science is used, with discussions on practical questions by the class.

THEISM AND CHRISTIAN EVIDENCES.—These subjects occupy the latter part of the senior year. Leading topics are systematically pursued, and the views of various authors considered. The works most consulted are Samuel Harris's Self-Revelation of God, Flint's Theism and Anti-Theistic Theories.

HISTORY OF ART.—This study is pursued in the senior year, Lübke's History of Art furnishing the outline, with constant use of the best works of reference in each division of the subject. The historical development of art is philosophically traced, with the aid of excellent copies of several of the old masters, casts of antique statuary, and numerous photographs. Courses of lectures are also given by non-resident professors.

OUTLINE OF COURSES OF STUDY.

CLASSICAL COURSE.

FIRST YEAR.

In each study the time is four hours a week, unless specified.

FALL TERM.

LATIN.—Cicero: De Senectute; De Amicitia. Prose Composition; Reading at Sight.

MATHEMATICS.—Part III. Olney's University Algebra. *Two hours a week.*

GREEK.—Greek Historians; Prose Composition; Syntax of the Verb; Formation of Words.

WINTER TERM.

LATIN.—Livy, Books XXI. and XXII.; Prose Composition; Reading at Sight.

MATHEMATICS.—Solid and Spherical Geometry (Chauvenet).

GREEK.—Odyssey; Homeric Syntax; Reading at Sight; Prose Composition. *Three hours a week.*

SPRING TERM.

CHEMISTRY.—General Chemistry; Lectures and Laboratory Work.

MATHEMATICS.—Olney's Plane and Spherical Trigonometry.

GREEK.—Lyric Poetry; Greek Testament. *Two hours a week.*

RHETORIC.—Description; Narration; Exposition; Essays. *One hour a week.*

ENGLISH LITERATURE.—Lectures on English Nineteenth Century and American Literature. *One hour a week.*

DRAWING.—*One hour a week.*

THE BIBLE.—Genesis and Exodus; The Gospels. *One hour a week.*

GYMNASTICS.

SECOND YEAR.

FALL TERM.

LATIN.—Horace: Odes, Selections from Satires, Ars Poetica.

HISTORY.—Grecian History. *Two hours a week.*

GREEK.—Greek Drama; Plato's Apology and Crito.

WINTER TERM.

HISTORY.—Roman History. *Two hours a week.*
LATIN.—Tacitus. *Three hours a week.*
GREEK.—Demosthenes; Greek History and Institutions. *Three hours a week*

ELECTIVES.

Two hours a week.

MATHEMATICS.—Analytic Geometry.
FRENCH.—Grammar; Selections from Modern Plays; Prose Selections.
GERMAN.—Grammar; Poetry; Selections from German Prose.
CHEMISTRY.—Qualitative Analysis. *Six hours a week, counted as two.*
ENGLISH LITERATURE.

SPRING TERM.

HISTORY.—Mediæval: Lectures and Library Work.
BOTANY.—Gray's Lessons and Manual. Laboratory Work in Vegetable Histology and Cryptogamic Botany.

ELECTIVES.

Two hours a week.

MATHEMATICS.—Analytic Geometry.
LATIN.—Crowell's Selections from the Latin Poets; Pliny's Letters.
GREEK.—Plato's Phædo.
FRENCH.—Grammar; Translations from English into French; French Composition; Histoire de France; Prose Selections.
GERMAN.—Grammar, Wenckebach; Immensee, Storm; Lyric Poems.
ENGLISH LITERATURE.

RHETORIC.—Argument; Persuasion; Style; English Verse; Theory of Poetry; Essays. *One hour a week.*
PHYSIOLOGY.—Lectures. *One hour a week.*
THE BIBLE.—Joshua, Judges, and Samuel; Acts. *One hour a week.*
GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal Kingdom; Dissection of typical forms. *Three hours a week.*
BOTANY.—Laboratory Work. *Three hours a week, counted one.*
LOGIC.—Jevons's; C. C. Everett's Science of Thought; Harris's Theory of the Syllogism. *Two hours a week.*
HISTORY.—The Renaissance; The Reformation; The English Revolution. Lectures and Library Work. *One hour a week.*
ENGLISH LITERATURE. *Two hours a week.*

ELECTIVES.

Two hours a week.

FRENCH.—Corneille; Racine; Histoire de la Littérature Française.
GERMAN.—Syntax; Modern Plays.
LATIN.—Cicero de Immortalitate; Plautus.
MATHEMATICS.—Calculus.

WINTER TERM.

ENGLISH LITERATURE.—*Two hours a week.*
HISTORY.—The French Revolution; European States since the Revolution. *Two hours a week.*
PHYSICS.—Mechanics; Atkinson's Ganot: Heat, Electricity. Experimental Lectures; Laboratory Work.

ELECTIVES.

Two hours a week.

FRENCH.—Translations from English into French, Chardenal; Histoire de la Littérature Française; Molière; Sainte Beuve; Selections from Pascal, La Bruyère, etc.
GERMAN.—Minna von Barnhelm, Lessing; Ballads; English into German.
MINERALOGY.—Description; Classification; Lithology; Crystallography. Microscopic Work. Dana's Manual.
PHYSIOLOGY.
BIOLOGY.—Animal or Vegetable.

SPRING TERM.

ASTRONOMY.—Young's General Astronomy; Lectures. *Three hours a week.*
GEOLOGY.—Dynamical, Structural, and Historical Geology. Dana. *Three hours a week.*
PHYSICS.—Sound, Light; Lectures; Laboratory Work. *Nine hours a week, counted as three.*

ELECTIVES.

Two hours a week.

FRENCH.—Continuation of Chardenal; Composition; Histoire de la Littérature Française; Latest writers. See Special Course.
GERMAN.—Schiller's Maria Stuart; National-Litteratur; Prose Composition.
HISTORY.—Constitutional History of England. Independent work on the part of the student. Principal authorities: Stubbs, Hallam, May.
ENGLISH LITERATURE.
PHYSICS.—Work in Laboratory.

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RHETORIC.—Principles of Criticism; Studies in Criticism; Philology; Essays. *One hour a week.*
THE BIBLE.—Kings and Chronicles; Hebrews. *One hour a week.*
GYMNASTICS.

Students will be expected to elect three terms of consecutive work in either French or German.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to the Study of Philosophy (Harris); Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, and Dewey.

ELECTIVES.

Each three hours a week, and the student will select two.

ANCIENT LITERATURE.
ENGLISH LITERATURE.
LATIN.—Selections from Latin Poets; Quintilian.
GREEK.—Plato.
BIOLOGY.—Lectures; Laboratory Work.
HISTORY.—Constitutional History of the United States.
ASTRONOMY.—Spherical and Practical; with use of Instruments.
PHYSICS.
MINERALOGY.
GEOLOGY.
RHETORIC.

WINTER TERM.

POLITICAL ECONOMY. *Three hours a week.*
HISTORY OF ART.
HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.
Three hours a week, six weeks.
THEISM AND CHRISTIAN EVIDENCES.—Modern Forms of Skepticism; Flint's Theism and Anti-Theistic Theories; Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science. Discussions by the class on practical subjects.
THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.—Woolsey.
CHEMISTRY.—Quantitative Analysis.
HISTORY.
ENGLISH LITERATURE.
ANGLO-SAXON.
BIOLOGY.—Botany or Zoölogy.
PHYSICS.

RHETORIC.—Critical Study of literary models, and original essay-writing.
THE BIBLE.—The Prophetical Books; Romans.
One hour a week.
GYMNASTICS.
ELOCUTION or VOCAL MUSIC through three years of the course.
One hour a week.

SCIENTIFIC COURSE.

FIRST YEAR.

FALL TERM.

LATIN.—Cicero: De Senectute; De Amicitia. Prose Composition; Reading at Sight.
MATHEMATICS.—Part III. Olney's University Algebra. *Two hours a week.*
FRENCH.—Selected Prose; Grammar.
OR GERMAN.—Grammar; Immensee, Storm; Modern Plays; Lyric Poems.

WINTER TERM.

LATIN.—Livy, Books XXI. and XXII.
MATHEMATICS.—Geometry, Solid and Spherical.
FRENCH.—See Classical Course, Second Year, Winter Term.
Three hours a week.
OR GERMAN.—Syntax; Buchheim's Prose Composition; Minna von Barnhelm, Lessing. *Three hours a week.*

SPRING TERM.

CHEMISTRY.—General Chemistry; Lectures; Laboratory Work.
MATHEMATICS.—Trigonometry, Plane and Spherical.
FRENCH.—See Classical Course, Second Year, Spring Term.
Two hours a week.
OR GERMAN.—Schiller's Maria Stuart; Prose Composition; Ballads.
Two hours a week.

PHYSIOLOGY.—Lectures. *One hour a week, half the year.*
RHETORIC.—See Classical Course.
DRAWING. *One hour a week.*
BIBLE.—Genesis and Exodus; Gospels. *One hour a week.*
GYMNASTICS.

SECOND YEAR.

FALL TERM.

CHEMISTRY.—Qualitative Analysis. *Two hours a week.*
MATHEMATICS.—Analytic Geometry.
HISTORY, ANCIENT.—See Classical Course. *Two hours a week.*
FRENCH.—See Classical Course, Junior Year, Fall Term. *Three hours a week.*
OR GERMAN.—Schiller's Jungfrau von Orleans; Kluge, National-Litteratur; Composition. *Three hours a week.*

WINTER TERM.

HISTORY, ANCIENT.—Continued. *One hour a week.*
MINERALOGY.—Description; Classification; Lithology. *Three hours a week.*
FRENCH.—See Classical Course, Junior Year, Winter Term. *Two hours a week.*
OR GERMAN.—Literature, with selections from Classical Authors; Scientific German. *Two hours a week.*

ELECTIVES.

Four hours a week.

CHEMISTRY.—Continued.
MATHEMATICS.—Differential Calculus.

SPRING TERM.

HISTORY.—Mediæval and Modern; Lectures and Library Work.
BOTANY.—Gray's Lessons and Manual; Laboratory Work in Vegetable Histology and Cryptogamic Botany.

ELECTIVES.

Two hours a week.

MATHEMATICS.—Integral Calculus.
LATIN.—Crowell's Selections from Latin Poets; Pliny's Letters.
FRENCH.—See Classical Course, Junior Year, Spring Term.
GERMAN.—See Winter Term.
CHEMISTRY.—Qualitative Analysis.

RHETORIC.—See Classical Course.
ELOCUTION AND VOCAL MUSIC. *Each one hour a week, half the year.*
BIBLE.—Joshua, Judges, and Samuel: Acts. *One hour a week.*
GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal Kingdom; Dissection of typical forms. *Three hours a week.*

HISTORY, MODERN.—See Classical Course. *Two hours a week.*

LOGIC.—See Classical Course. *Two hours a week.*

BOTANY. *Six weeks.*

MECHANICS. *Six weeks.*

WINTER TERM.

ENGLISH LITERATURE.

PHYSICS.—Atkinson's Ganot: Heat, Electricity, and Magnetism; Experimental Lectures; Laboratory Work.

ELECTIVES.

Two hours a week.

PHYSIOLOGY.—Lectures and Laboratory Work.

MINERALOGY.—Laboratory Work; Crystallography and Blowpipe Determination.

CHEMISTRY.—Quantitative Analysis.

FRENCH.—See Special Courses in Languages.

GERMAN.—Schiller's Wilhelm Tell or Goethe's Iphigenie; Literature; Scientific German; Composition.

BIOLOGY.—Botany or Zoölogy.

SPRING TERM.

ASTRONOMY.—Young's General Astronomy; Lectures.

GEOLOGY.—Dynamical, Structural, and Historical Geology. *Three hours a week.*

PHYSICS.—Sound, Light; Lectures; Laboratory Work. *Nine hours a week, counted as three.*

RHETORIC.—See Classical Course.

ELOCUTION AND VOCAL MUSIC. *Each one hour a week, half the year.*

BIBLE.—Kings and Chronicles; Hebrews. *One hour a week.*

GYMNASTICS.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to study of Philosophy (Harris); Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, and Dewey.

ELECTIVES.

Each three hours a week, and the student will select two.

ANCIENT LITERATURE.—Greek and Oriental.
ENGLISH LITERATURE.
HISTORY.—Constitutional History of the United States.
ASTRONOMY.—Spherical and Practical, with use of Instruments.
PHYSICS.—Laboratory Work.
MINERALOGY.
CHEMISTRY.—Organic Chemistry.
BIOLOGY.—Botany or Zoölogy.
MATHEMATICS.—Advanced Analytic Geometry.

WINTER TERM.

POLITICAL ECONOMY.—See Classical Course.
HISTORY OF ART.
HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.

Three hours a week. Six weeks.

THEISM AND CHRISTIAN EVIDENCES.—Modern Forms of Skepticism; Flint's Theism and Anti-Theistic Theories; Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science: Discussions by the class on practical subjects.
THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.—Woolsey.
ENGLISH LITERATURE.
PHYSICS.
GEOLOGY.
BIOLOGY.—Botany or Zoölogy.
MATHEMATICS.—Determinants.
CHEMISTRY.—Study of Theories.

RHETORIC.—See Classical Course.
BIBLE.—Prophetical Books; Romans.
GYMNASTICS.

SEMINARY COURSE.

FIRST YEAR.

FALL TERM.

In each study the time is four hours a week, unless otherwise specified.

LATIN.—Cicero de Senectute, with exercises in Prose Composition; Reading at Sight.

MATHEMATICS.—Olney's University Algebra.

ANCIENT HISTORY.—Oriental and Grecian. *Two hours a week.*

WINTER TERM.

LATIN.—Virgil's Eclogues; Æneid, one book, including Mythology, Geography, Prosody; Exercises in Prose Composition; Reading at Sight.

MATHEMATICS.—Chauvenet's Geometry, Solid and Spherical.

ANCIENT HISTORY.—Roman. *Two hours a week.*

SPRING TERM.

LATIN.—Virgil's Æneid, four books; Prose Composition; Reading at Sight.

BOTANY.—Gray's Lessons and Manual; Laboratory Work in Vegetable Histology, and Cryptogamic Botany. *Two hours a week.*

CHEMISTRY.—General Chemistry; Lectures and Laboratory Work.

RHETORIC.—Diction, sentences and paragraphs; Letter writing; Abstracts; Description; Construction of Plans. *One hour a week.*

PHYSIOLOGY.—Lectures. *One hour a week, half the year.*

BIBLE.—Genesis and Exodus; the Gospels. *One hour a week.*

VOCAL MUSIC.—*One hour a week.*

GYMNASTICS.

SECOND YEAR.

FALL TERM.

LATIN.—Livy, Books XXI. and XXII.; Prose Composition; Reading at Sight.

BOTANY.—*Six weeks.*

BIOLOGY.—Botany or Zoölogy. *Six weeks.*

ELECTIVES.

Three hours a week.

FRENCH.—La Langue Française, Bercy; Grammaire et Exercices, Larive et Fleury.

GERMAN.—Das Deutsche Buch, van Daell und Schrakamp; Object Lessons; Exercises in Writing.

WINTER TERM.

FRENCH.—Grammaire et Exercices; Fables de la Fontaine; Contes Merveilleux, Sauveur.

OR GERMAN.—Das Deutsche Buch; Wenckebach's Anschauungs-Unterricht; Otto's Elementary Grammar; Exercises in Writing; Reading at Sight.

MATHEMATICS.—Olney's Plane and Spherical Trigonometry.

CIVIL GOVERNMENT.—Including practical talks upon important acts of Congress, and upon topics of the times. *Two hours a week.*

SPRING TERM.

ZOÖLOGY.—Study of Vertebrates; Outline of Classification of Animal kingdom; Dissection of typical forms. *Three hours a week.*

MINERALOGY.—Dana's Manual; Description and Classification; Lithology. *Three hours a week.*

HISTORY.—Mediæval and Modern; Lectures and Library Work.

ENGLISH LITERATURE.—American. *One hour a week, half the year.*

RHETORIC.—Narration; Style; English Verse; Theory of Poetry; Exposition; Essays. *One hour a week.*

BIBLE.—Joshua, Judges, Samuel; Acts. *One hour a week.*

ELOCUTION. *Two hours a week, half the year.*

VOCAL MUSIC. *One hour a week.*

GYMNASTICS.

JUNIOR YEAR.

FALL TERM.

LATIN.—Horace: Selections from Satires and Odes; Carmen Sæculare; Ars Poetica.

LOGIC—Jevons's; C. C. Everett's Science of Thought. *Two hours a week.*

GEOLOGY.—Dynamical, Structural, and Historical (Dana). *Three hours a week.*

ENGLISH LITERATURE.—General. *Two hours a week.*

WINTER TERM.

PHYSICS.—Mechanics; Atkinson's Ganot: Heat, Electricity; Experimental Lectures; Laboratory Work.

ENGLISH LITERATURE.—*Two hours a week.*

ELECTIVES.

Each two hours a week, and the student will select two.

MATHEMATICS.—Olney's University Algebra, Part III. Analytic Geometry.
HISTORY.
CHEMISTRY.—Laboratory Work.
BIOLOGY.—Botany or Zoölogy.
FRENCH. } See Special Courses.
GERMAN. }

SPRING TERM.

PHYSICS.—Sound, Light; Lectures; Laboratory Work.
Nine hours a week, counted as three.
ASTRONOMY.—Young's General Astronomy; Lectures. *Three hours a week.*
PHYSIOLOGY.—Human Anatomy and Physiology, with special reference to Hygiene; Histology; Lectures on Sanitary Science. *Two hours a week.*

ELECTIVES.

Two hours a week.

LATIN.—Tacitus: Germania and Agricola. Pliny's Letters.
MATHEMATICS.—Analytic Geometry, Continued.
BLOWPIPE DETERMINATION.
CRYSTALLOGRAPHY.—Microscopic Work with Polarizer.
QUALITATIVE ANALYSIS.
BIOLOGY.—Botany or Zoölogy.
FRENCH. } See Special Courses.
GERMAN. }

RHETORIC.—Argument; Persuasion; Principles of Criticism: Studies in Criticism; Essays. *One hour a week.*
BIBLE.—Kings, Chronicles; Hebrews. *One hour a week.*
ELOCUTION OR VOCAL MUSIC. *Two hours a week.*
GYMNASTICS.

SENIOR YEAR.

FALL TERM.

PSYCHOLOGY.—Introduction to Study of Philosophy (Harris): Hickok's Psychology; Hopkins, Porter, Bowne, Ladd, Dewey.
ANCIENT LITERATURE.—Oriental and Classical.

ELECTIVES.

Two hours a week.

CONSTITUTIONAL HISTORY of United States.
ENGLISH LITERATURE.—Dramatic and Epic Poetry.
PHYSICS.—Laboratory Work.
ASTRONOMY.—Spherical and Practical; with use of Instruments.
BIOLOGY.—Botany or Zoölogy.
FRENCH.
GERMAN.

WINTER TERM.

POLITICAL ECONOMY.—Walker, Clark, Mill; Lectures. *Two hours a week.*
HISTORY OF ART.
HISTORY OF PHILOSOPHY.—Harris, Schwegler, Ueberweg.
OR CLASSICAL LITERATURE. *Six weeks.*
THEISM AND CHRISTIAN EVIDENCES.—Modern forms of Skepticism; Flint's Theism and Anti-Theistic Theories; Samuel Harris's Self-Revelation of God. *Six weeks.*

SPRING TERM.

ETHICS.—Hickok's Moral Science; Discussions by the class on practical subjects.
THEISM AND CHRISTIAN EVIDENCES.—Continued.

ELECTIVES.

Two hours a week.

INTERNATIONAL LAW.
GEOLOGY.
MINERALOGY.
LATIN.—Cicero de Immortalitate.
RHETORIC.
ENGLISH LITERATURE.—Nineteenth Century Authors.
BIOLOGY.—Botany or Zoölogy.

RHETORIC.—Critical Study of literary models, and original essay-writing.
BIBLE.—The Prophetical Books; Romans.

One hour a week.

ELOCUTION OR VOCAL MUSIC.

One hour a week.

GYMNASTICS.

SPECIAL COURSES IN LANGUAGES.

The following courses in Greek, French, and German may be pursued in addition to the Seminary Course.

GREEK COURSE.

First Year—White's Lessons and Goodwin's Grammar; Xenophon's Anabasis. *Second Year*—Selections from Herodotus and Thucydides; Homer's Iliad or Odyssey. *Third Year*—Demosthenes's Olynthiacs and Philippics; Prometheus of Æschylus. *Fourth Year*—Plato's Apology; Antigone of Sophocles; Alcestis of Euripides. Prose Composition and Reading at sight each year.

FRENCH COURSE.

First Year—La Langue Française, Bercy; Grammaire et Exercices; Fables de La Fontaine; Contes Merveilleux, Sauveur. Memorizing poetry and prose. *Second Year*—Grammaire et Exercices; Bocher's College Plays; Selections from Balzac, Lamartine, George Sand; Histoire de France; Memorizing poetry and prose. *Third Year*—Grammaire continued; Reading Mérimée, Victor Hugo; Histoire de France continued; Translations, Chardenal, Bué; Histoire de la Littérature Française; Corneille, Racine. *Fourth Year*—Histoire de la Littérature Française continued; Molière; Sainte Beuve; J. Lemaitre; Reading and Criticism of Selections from Pascal, La Bruyère, Bossuet, Fénelon, Boileau, Madame de Sévigné, Madame de La Fayette; Reading latest writers; Selections from historians; Translations, Essays; Reading Reviews and Magazines; Lectures.

GERMAN COURSE.

First Year.—Reading: Das Deutsche Buch, van Daell und Schrakamp; Conversation; Wenckebach's Anschauungs-Unterricht; Elementary Grammar, Otto; Exercises in writing; Reading at sight. *Second Year*—Deutsche Grammatik für Amerikaner, Wenckebach; Oral and Written Exercises; Andersen's Bilderbuch ohne Bilder; Selected German Prose; Modern Plays. *Third Year*—Minna von Barnhelm, Lessing; Schiller's Maria Stuart and Jungfrau von Orleans; English into German; Poetry. *Fourth Year*—History of German Literature, with selections from the Classical Authors; Schiller's Wilhelm Tell, Goethe's Faust, and Iphigenie auf Tauris; Letters and Compositions.

DRAWING AND PAINTING.

Lessons in charcoal-drawing, from casts or models, and in sketching from nature, are furnished without extra charge. A normal class, also, is instructed in the elementary forms of design, and in outline-drawing. Painting is taught, in both water-colors and oils.

MUSIC.

All the students have regular lessons in choral classes. Private instruction in the cultivation of the voice, or in piano music, is at the rate of $15 for twenty lessons, besides the use of the instrument.

DEGREES.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive in like manner the degree of Bachelor of Science.

A Literary Course is under consideration, on the completion of which the student may receive the degree of Bachelor of Literature.

The Seminary diploma is still conferred, as in former years, on those who complete the Seminary Course.

A special diploma is given to one who completes either of the Special Courses in Languages.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $200 for the year; $100 *to be paid the first Monday of the fall term, and* $100 *the first Monday of the second term.* If, for any reason, the student should remain but a part of the year, the charge will be higher, —at the rate of $6 per week for the time spent at the Institution. No deduction is made for temporary absences.

It is preferred that payment should be made in checks, on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President. *It is important that the term-bills be paid promptly.*

FAMILY ARRANGEMENTS.

All the teachers and students reside in the building, mingling constantly in the familiar intercourse of a well-ordered Christian home. Every student has her own small but definite share in securing the comfort of the large household. The daily hour spent by each in domestic duties, under systematic planning and skillful supervision, disposes of the ordinary household affairs promptly and well. It gives healthful exercise, cultivates a taste for home occupations, honors labor, and makes the Institution not only less expensive, but more

independent than it could be with the scores of servants that would otherwise be required. The student sees what system, co-operation, and prompt activity can do; and, in time, she finds herself able, not only to take responsibility, but to enjoy it. And thus, in future years, she will bear her part among the workers of the world with the greater ease and success.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening, Saturday, nor Sunday.

Friends of the Institution, or strangers desiring to visit it, are at liberty to call upon the teachers at any time most convenient to themselves, Sunday excepted.

Attendance at church in the morning is required, and at the Bible recitation in the afternoon.

CARE OF THE HEALTH.

Daily exercise in the open air is ordinarily required; and during most of the year light gymnastics on two days of the week, unless excused by the physician. The gymnasium is spacious, well lighted, and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The lady physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary.

CALENDAR FOR 1890–1.

FALL TERM begins	Thursday, Sept. 11, 1890.
FALL TERM ends	Tuesday, Dec. 23, 1890.
WINTER VACATION	Dec. 24 to Jan. 6.
WINTER TERM begins	Wednesday, Jan. 7, 1891.
WINTER TERM ends	Wednesday, March 25, 1891.
SPRING VACATION	March 26 to April 7.
SPRING TERM begins	Wednesday, April 8, 1891.
SPRING TERM ends	Thursday, June 18, 1891.

The annual meeting of the National Association of Mount Holyoke Alumnæ will be held Wednesday P. M., June 18, 1890.

The anniversary exercises will be Thursday, June 19, commencing at eleven o'clock A. M. Address by Rev. Alexander McKenzie, D.D., of Cambridge.

APPLICATIONS.

Communications relating to admission may be addressed to the President. The name, age, attainments, and general characteristics of the applicant should be stated.

TO CANDIDATES FOR ADMISSION.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

It is important that all should come on Wednesday, September 10, that they may be in readiness to commence their examinations Thursday morning.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

It is especially desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, including a Bible dictionary.

Books and stationery can be purchased at the Institution on reasonable terms.

During the month of April a copy of the catalogue will be forwarded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary and College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet accommodation trains. At Holyoke, stages meet express trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in New York City, Boston, Albany, and all the large towns on the Boston and Albany Railroad.

The telegraph line runs to South Hadley and there is also a telephone office at the Institution.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke Seminary and College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

The Library,
Mount Holyoke College.

South Hadley, Mass., February 2, 1903.

Mr. Raymond C. Davis, Librarian,

University of Michigan,

Ann Arbor, Michigan.

Dear sir,-

About a year ago we sent you some numbers of our annual catalogue, which completed your set with the exception of that for the year 1890-1. That issue I take pleasure in sending you now.

Very truly yours,

Miss E. C. Blakely
Libn

Dictated.

78.73
M92

MOUNT HOLYOKE SEMINARY,

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

FIRST CLASS GRADUATED

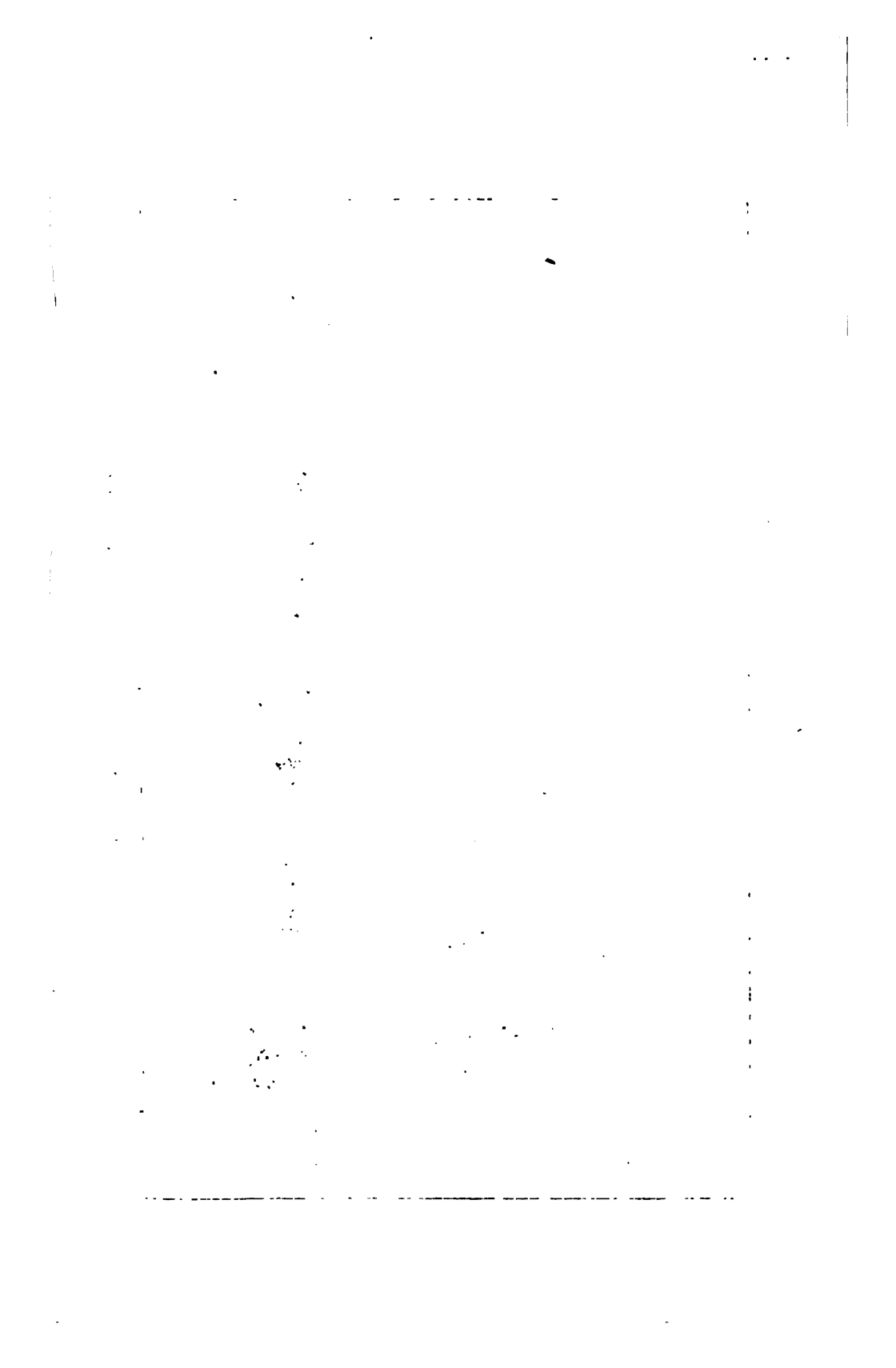
AUGUST 23, 1838.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.



LYMAN WILLISTON HALL, MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.

ANNUAL CATALOGUE

OF

MT. HOLYOKE SEMINARY AND COLLEGE

IN

SOUTH HADLEY, MASS.

1890-1891.

PUBLISHED BY THE
SEMINARY AND COLLEGE.

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CALENDAR, 1891-92.

Spring Vacation,	March 26 to April 8, 1891.
Baccalaureate Sermon,	Sunday, June 14, 1891.
Meeting of the National Association of Mount Holyoke Alumnæ,	Wednesday P. M., June 17, 1891.
Commencement Exercises,	Thursday, 11 A. M., June 18, 1891.
Address by President Merrill E. Gates, LL.D., of Amherst.	
Entrance Examinations,	September 15-18, 1891.
Fall Term begins	Thursday, September 17, 1891.
Thanksgiving Recess,	Wednesday noon to Friday noon.
Winter Vacation begins	Wednesday, December 23, 1891.
Winter Vacation ends	Tuesday, January 5, 1892.
Holiday—Washington's Birthday,	Monday, February 22, 1892.
Spring Vacation begins	Thursday, March 31, 1892.
Spring Vacation ends	Tuesday, April 12, 1892.

ENTRANCE EXAMINATIONS IN WILLISTON HALL, JUNE 2-5, AND SEPTEMBER 15-18.

Tuesday, 1.30 P. M., Arithmetic.
" 3.30 P. M., Geography.
" 7 P. M., Botany.
" 7 P. M., Ancient History.
Wednesday, 8.30 A. M., Algebra.
" 10.30 A. M., English and Rhetoric.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 7 P. M., Physiology.
Thursday, 8.30 A. M., Geometry.
" 10.30 A. M., History of U. S.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.
" 7 P. M., Virgil.

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Superintendents of Domestic Department.

*Absent for the year.

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MARY HELEN KEITH,	Braintree.
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VIRGINIA LUFKIN,	Anna, Ill.
JENNY OLIN,	Höganäs, Sweden.
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ELSIE PARSONS THAYER,	Enfield.
BESSIE M. TURNER,	Northfield, Conn.
LILLIAN M. TURNER,	Great Barrington.
BERTHA ESTELLE WENNER,	Allentown, Pa.
SARA WHITING,	Norfolk, Conn.
ANNIE P. WIGGIN,	Stratham, N. H.
EDITH BOWMAN WOODS,	Barre.

SOPHOMORE CLASS.

MARY H. ALCOTT,	Boxford.
DOROTHY BEACH,	Columbus, Ohio.
LAURA WHITTEMORE COLLINGS,	Albuquerque, New Mexico.
ANNIE LOUISA CROWELL,	Amherst.
CARRIE ELIZABETH DANIELS,	Blackstone.
CATHERINE GLEN,	Elizabeth, N. J.
MARY P. GORDON,	Portland, Conn.
MERTIE LAURA GRAHAM,	Richford, Vt.
JULIA ELIZABETH GROSVENOR,	Pomfret, Conn.
JULIA ESTHER HALL,	Westford.
ALICE HETTINGER,	Freeport, Ill.

GERTRUDE A. MACNULTY,	Washington, D. C.
ALICE M. MCDONALD,	Bath, Me.
THENA MORRILL,	St. Johnsbury, Vt.
ETTA S. NICHOLS,	Natick.
MARY FRANCES PARTRIC,	Norwalk, Conn.
CAROLINE K. RICE,	New Haven, Conn.
ABBY MARIA RICHARDSON,	Francestown, N. H.
WINIFRED B. SMITH,	Cambridge.
MARION J. SOLLENBERGER,	Newville, Pa.
GRACE STEVENS,	South Framingham.
ADDIE ROWE STOCKWELL,	Williamsville, Vt.
ANNIE AUDUBON WETZELL,	Knoxville, Tenn.
ALICE COOKE WRIGHT,	Bridge Hampton, N. Y.

FRESHMAN CLASS.

JESSIE ARCHIBALD,	Hopkinton.
EMILY MAY BASSETT,	Pittsfield.
ALICE G. BEEDE,	Center Sandwich, N. H.
LEIGH JEANETTE BEMIS,	Shrewsbury.
NELLIE DAY BEST,	Freeport, Ill.
ETHEL W. BLAKE,	Westfield.
ADDIE O. BRIERLY,	New Brighton, Pa.
ELLA T. BRIERLY,	New Brighton, Pa.
ALICE E. BROWN,	Groton, Conn.
M. OLIVIA CASKEY,	Morristown, N. J.
MARY AMELIA COOK,	Chicago, Ill.
JULIA ELLSWORTH,	Braintree.
MARY EVANS,	Circleville, Ohio.
ANNIE SLOSSON DRESSER,	Pittsfield.
SARAH FRANCES GATES,	Canton, Pa.
CASSIE E. GAYLORD,	South Hadley.
DORA BELLE GIBBONS,	Franklin, N. Y.
SOPHIA BUSHNELL GOODALE,	New York City.
MARY AUGUSTA GOODRICH,	Delhi, N. Y.
EMMA GRANT,	Goldsboro, N. C.
FLORENCE PRISCILLA GREELEY,	Lowville, N. Y.
MARY MATHEWSON GROSVENOR,	Pomfret, Conn.
MINNIE C. GUND,	Marcus, Iowa.
HARRIET PRENTICE HALLOCK,	Catskill, N. Y.
MARY BALLANTINE HARDING,	Sholapur, India.
MARIA TYLER HERRICK,	Marsovan, Turkey in Asia.
ADELL CATHERINE HILL,	Phelps, N. Y.
LESBIA R. HINCHMAN,	Denville, N. J.
ELIZABETH MARIA HOWELL,	Blairstown, N. J.
ANNA MILDRED HUBBARD,	Winchester, Ill.
LUCY MINER HUBBARD,	Winchester, Ill.
BESSIE MELVILLE JEWETT,	Pepperell.
GRACE LEWIS,	Brockport, N. Y.

Maud Alexia Lougee,	Somerville.
Alice Searle Lyman,	Cincinnati, O.
Mary E. McConnel,	Washington, D. C.
Mae Miller,	Lowell.
Toshi Miyagawa,	Osaka, Japan.
Elizabeth Reighard Murray,	Clearfield, Pa.
Eva Metcalf North,	Hartford, Conn.
Effie Jeanne Norton,	Thomaston, Conn.
Ella Louise Osborne,	La Crosse, Wis.
Lena C. Root,	Thomaston, Conn.
Rachel T. Scott,	Oak Hill, Pa.
Amelia N. Sears,	Chicago, Ill.
Elsie F. Smith,	Brooklyn, N. Y.
Maud Eliza Smith,	Chester, Ill.
Irene Stanley,	Goldsboro, N. C.
S. Lulu Sterrett,	New Concord, Ohio.
Ada Waldron,	Binghamton, N. Y.
Luella Martha Walsworth,	Delhi, N. Y.
Mary J. Waters,	East Bridgeport, Conn.
Grayce Southworth Welles,	Chicago, Ill.
Annie Elsie White,	Warwick, N. Y.
Amy Gray Whitmore,	New Haven, Conn.
Alice Miriam Wilcox,	Westfield, Conn.
Emma Whitney Wilson,	Worcester, N. Y.
Marion W. Worth,	Oxford, Pa.
Annie F. Wright,	Coharie, N. C.
Mary Hurd Wright,	Bridge Hampton, N. Y.

SPECIAL STUDENTS.

Jessie C. Capron,	Lansingburgh, N. Y.
Anna Christine Gilt,	Lysander, N. Y.
Bertha Estella Holbrook,	Morrisville, Vt.
Georgia A. Pinkham,	Cumberland Centre, Me.
Abbie M. Smith,	Lawrence.
Josephine A. Smith,	Lawrence.
Charlotte Lucy Tenney,	Morrisville, Vt.

SPECIAL COURSE GRADUATES.

GREEK.

ELIZABETH H. BUNNELL,	Tunkhannock, Pa.
MARY CLEVELAND,	Brooklyn, N. Y.
GERTRUDE MAY COOPER,	Syracuse, N. Y.
MABEL B. HALL,	Mexico, N. Y.
CHARISSA AUGUSTA KINGSLEY,	Taunton.
LUCY R. OSGOOD,	Ellsworth, Me.
HELEN A. STEWART,	Rutland, Vt.

GERMAN.

ALICE HUNTINGTON BUSHÉE,	Newbury, Vt.
CHARLOTTE EMMELINE LEE,	Huntington, L. I.
LIDA R. LE MAISTRE,	Wilmington, Del.
LILIAN E. STAIR,	Fort Atkinson, Wis.

FRENCH.

THENA MORRILL,	St. Johnsbury, Vt.
LILIAN E. STAIR,	Fort Atkinson, Wis.
LILLIAN M. TURNER,	Great Barrington.

SUMMARY.

CLASSICAL COURSE,	38
SCIENTIFIC COURSE,	31
LITERARY COURSE,	16
SEMINARY COURSE:	
Senior Class,	50
Junior Class,	43
Sophomore Class,	24
Freshman Class,	60
SPECIAL STUDENTS,	7
TOTAL,	269
	2*
	267

CLASSIFICATION BY RESIDENCE.

The United States:	
Connecticut,	37
Delaware,	1
District of Columbia,	4
Florida,	1
Illinois,	12
Iowa,	3
Kansas,	1
Maine,	9
Massachusetts,	70
Michigan,	1
New Hampshire,	13
New Jersey,	9
New Mexico,	1
New York,	43
North Carolina,	6
North Dakota,	1
Ohio,	9
Pennsylvania,	13
Rhode Island,	2
Tennessee,	1
Vermont,	13
Wisconsin,	6
Other Countries:	
Bulgaria,	2
Hawaiian Islands,	1
India,	2
Japan,	1
New Brunswick,	2
Sweden,	1
Turkey,	2
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*Two graduating from Seminary are pursuing Classical and Literary Courses.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

Examination in the following subjects :—

MATHEMATICS.—Arithmetic, including the metric system of weights and measures; University Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including original work.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition entire, or an equivalent in Arnold, Allen and Greenough, or Harkness; Cæsar, Gallic War, four books; Cicero, seven orations; Virgil's Æneid, six books. The Roman pronunciation is used.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

GEOGRAPHY, Descriptive and Political; also Guyot's Physical Geography, Parts II. and III., or an equivalent.

HISTORY of the United States.

ANCIENT HISTORY.—Myer's History of the Eastern Nations and Greece to the Age of Pericles, and Allen's History of the Roman People to the Imperial Period, or equivalents.

ENGLISH.—Correction of sentences, and a short composition on a subject given from the required reading of the year. This must show such a knowledge of principles as is given in How to Write Clearly, by E. A. Abbott, or in Welsh's Essentials of English.

In 1891 subjects will be given from Longfellow's Courtship of Miles Standish, Irving's Alhambra, George Eliot's Silas Marner.

In 1892, Shakespeare's Julius Cæsar and As You Like It, Scott's Marmion, Longfellow's Courtship of Miles Standish, Addison's Sir Roger de Coverley Papers, Macaulay's second Essay on the Earl of Chatham, Webster's first Bunker Hill Oration, Irving's Alhambra, Scott's Talisman, George Eliot's Scenes from Clerical Life, Hawthorne's House of the Seven Gables.

In 1893, Shakspeare's Julius Cæsar and Twelfth Night, Scott's Marmion, Longfellow's Courtship of Miles Standish, the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Ivanhoe, Dickens's David Copperfield.

RHETORIC.—Diction, sentences and paragraphs; Letter writing; Abstracts; Paraphrases; Construction of Plans.

ELEMENTARY PHYSIOLOGY.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical except in the following subjects :—

ELEMENTARY BOTANY: Gray's How Plants Grow, or an equivalent; Plant Determination.

FRENCH OR GERMAN.—

French: Petite Grammaire, Sauveur; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bocher's College Plays; Two books of Modern Prose Writers; Esther, Racine; Le Cid, Corneille.

German: Wenckebach's or Cook's Otto's Grammar; Stein's German Exercises, Part I.; Deutscher Anschauungs Unterricht, Wenckebach, Parts I. and II., studied as illustrated in the preface; Das Deutsche Buch, van Daell and Schrakamp; Andersen's Bilderbuch ohne Bilder; Bernhardt's Novelletten Bibliothek, one vol.; Der Neffe als Onkel von Schiller. Facility in the use of German script is desirable.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

ANCIENT HISTORY and GREEK are not required.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following exceptions :—

FRENCH or GERMAN as required for Scientific Course.

GREEK is not required.

SEMINARY COURSE.

Candidates for admission to the first year of the Seminary Course are examined in the following subjects :—

MATHEMATICS.—Arithmetic, including the metric system of weights and measures; Olney's Complete School Algebra or an equivalent; Plane Geometry, as found in Chauvenet, or its equivalent, including original work.

LATIN.—Latin Grammar; Jones's Latin Prose Composition entire; Cæsar's Gallic Wars, four books, or an equivalent amount of Cornelius Nepos or Sallust; Cicero, seven orations. A thorough acquaintance with the principles of syntax is required. The Roman pronunciation is used.

ENGLISH AND GEOGRAPHY.—See requirements for Classical Course.

HISTORY of the United States.

Entrance examinations take place at the College, June 2, 3, and 4, or September 15, 16, and 17, 1891.

The June examinations may be taken in Chicago, St. Louis, Washington, Philadelphia, in or near New York City, Boston, and Augusta,

Me. Any candidate desiring to take such examinations should communicate with the President before May, 1891.

Although well qualified candidates may be admitted to the entering class at sixteen years of age, it is advisable that all should be seventeen or eighteen, and that none should enter the Senior Class under twenty.

Students are received for one year; and it is expected, extraordinary circumstances excepted, that they will remain throughout the year.

Communications relating to admission may be addressed to the President. The name, age, attainments, and general characteristics of the applicant should be stated.

COURSES OF STUDY AND METHODS OF INSTRUCTION.

ANCIENT CLASSICS.

LATIN.—*First Year*, Fall Term: Cicero's De Senectute and De Amicitia. Winter Term: Livy, Books XXI. and XXII. Spring Term: Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica.

Second Year, Fall Term: Prose Composition and sight translation. Winter Term: Tacitus, Germania and Agricola.

ELECTIVE.—*Second Year*, Spring Term: Pliny's Letters. *Junior Year*, Fall Term: Plautus. Winter and Spring Terms: Crowell's Selections from Latin Poets. *Senior Year*, Fall Term: Cicero de Immortalitate. Winter Term: Quintilian.

Latin is required during two terms of the Scientific and the Literary Courses.

Prose Composition, sight translation, and occasional finished written translations are required throughout the course.

Special attention is given to Syntax and Etymology in the work of the first term. Subsequently more time is devoted to the subject matter of the text, the style and spirit of the authors, and their relation to the history of their time.

GREEK.—In the study of Greek, the aim is to secure familiarity with Greek words and grammatical constructions, an acquaintance with Greek literature and its history, and with the relation of the Greek language to English.

First Year, Fall Term: Herodotus and Thucydides, Prose Composition, syntax of the verb, formation of words. Private Reading, Xenophon's Memorabilia. Winter Term: Odyssey, Homeric syntax, Prose Composition, Reading at sight. Private Reading, Euripides' Alcestis. Spring Term: Lyric Poetry, Greek Testament. Private Reading, Lysias's Against Eratosthenes.

Second Year, Fall Term: Plato's Apology and Crito, Greek Drama. Private Reading, Plato's Gorgias, Hesiod. Winter Term: Demosthenes, Greek History and Institutions. Private Reading, Iliad. Spring Term (Elective): Aristophanes' Clouds, Odes of Pindar, Plato's Phædo.

Those who wish to make a specialty of Greek may find opportunity in the elective work throughout the course.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, with a critical analysis of a few of the masterpieces, as presented in the best English version. The study of Indian and other Oriental literature is followed by that of Greece (with the aid of the works of Mure, Müller, Gladstone, and others). The Homeric poems, especially the Iliad, are carefully studied in the light of the best literary criticism, and the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is considered; and the most celebrated plays are read and discussed by the class. The plan includes similar studies of Roman literature, and of mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.

The language studied is the medium of instruction. The aim in the arrangement of the courses is to secure a practical and a theoretical knowledge of French and German: attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of the literature.

In the instruction given the purpose is to teach the correct use of the language, and to awaken a spirit of sympathy with the thought and culture which the language represents in its masterpieces.

FRENCH.—*First Year:* Grammaire et Exercices, Idiotismes, Selections from Balzac and G. Sand, Chardenal, Bué, Histoire de la Littérature française depuis ses origines jusqu'au XVIème siècle. Histoire de la Littérature française du XVIIème siècle, Corneille, Guizot, Corneille et son temps.

Second Year.—Racine, Selections from Descartes, Pascal, the Port Royalists, Modern Poets, La Bruyère, La Rochefoucault, Bossuet, Fénelon, Massillon, Boileau, Portraits de Femmes, Sainte-Beuve, Mme. de Sévigné and Mme. de La Fayette.

Third Year.—Molière's Comedies, Histoire de la Littérature française du XVIIIème siècle, Sainte-Beuve; J. Lemaitre. Histoire de la Littérature française du XIXème siècle, Romantic School, V. Hugo.

Fourth Year.—Romantic School continued, Lamartine's Prose and Poetry, Mme. de Staël, Comedies of the XIXth Century, critical study of Béranger, Musset, Gautier, Coppée, de Vigny, Le Conte de Lyle, Reading of old French, Scientific French Prose.

Translations, essays, memorizing prose and poetry, public readings and lectures throughout the course.

GERMAN.—*First Year:* Advanced Grammar, Study of Synonyms and Idioms, Letter Writing and Composition, Stein's German Exercises Part II., Lyric Poems and Ballads memorized; Minna von Barnhelm, Lessing; Outlines of German Literature, Lectures and Recitations; Schiller's Life and Works; Maria Stuart, Die Jungfrau von Orleans.

Second Year: Schiller's Wallenstein or Wilhelm Tell; Geschichte der deutschen National Litteratur, Kluge; Life and Works of Goethe; Selections from Götz von Berlichingen, Werther's Leiden, Egmont, Torquato Tasso, Hermann und Dorothea; Lyric Poems and Ballads, Essays.

Third Year: Iphigenie auf Tauris, Goethe; Selections from Lessing; Klopstock, Wieland, Herder; Jean Paul; Die romantische Schule, Oesterreichische Dichter; Novalis, Tieck, Kleist, Fouqué, Grillparzer, Lenau, An. Grün, Chamisso, Eichendorff; Literature of the XIXth Century; Sight and private Reading of contemporary writers.

Fourth Year: Goethe's Faust. Earliest German Literature; Gothic, Ulfilas; Old High German, Middle High German; Hildebrandslied, Heliand, Krist. Das Nibelungenlied, Gudrun; The Minnesingers, Walther von der Vogelweide. Mediæval Epics; Selections from Hartmann von Aue, Wolfram von Eschenbach. The Literature of the Reformation. Scientific German books.

MATHEMATICS.

The work required of all students in the Classical and Scientific Courses includes advanced Algebra, Solid and Spherical Geometry (Chauvenet), and Plane and Spherical Trigonometry (Wells). In Geometry original demonstration of propositions is required.

Analytic Geometry, required in the Scientific Course, elective in the Classical, extends through the first and second terms of the second year. In the third term a course in Theory of Equations is offered.

The text-books used are Wentworth's Analytic Geometry, Salmon's Conic Sections, and Burnside and Panton's Theory of Equations.

The electives of the Junior Year are Differential and Integral Calculus. In the first term of the Senior Year an extended course in the Calculus is given, also a course in Determinants. The electives of the remaining terms are Analytic Geometry of Three Dimensions, and Modern Analytic Geometry.

In the Literary Course Solid and Spherical Geometry is required. The electives follow the same order as in the Scientific Course.

SCIENCE.

CHEMISTRY.— The Fall Term of the Sophomore Year, in each course, is given to lectures upon the Non-Metallic Elements and their important compounds, together with laboratory practice, followed in the Winter Term of the Scientific Course by Qualitative Analysis.

The elective work in Qualitative and Quantitative Analysis is limited to the Winter and Spring Terms. A course of lectures is given upon the Metals and their compounds, in connection with the six hours per week of laboratory practice. In the Fall Term, those who have already elected two terms of Qualitative Analysis may begin the study of the Carbon Compounds.

A laboratory fee of two dollars is required from each student in Inorganic Chemistry, and a fee of five dollars for each term of six hours per week of laboratory work.

MINERALOGY. — A term's work in Chemistry must precede the study of Mineralogy. The course includes description with identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also preparation of rock-sections with the section cutter, and blowpipe determination. There is a well equipped cabinet which furnishes opportunity for the study of lithology.

GEOLOGY. — Attention is given to Dynamical, Structural, and Historical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States prepared by Prof. Hitchcock of Dartmouth College. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

Dana's Text Book and Manual are used, with frequent reference to other authors, and excursions for purposes of study are made in the vicinity.

PHYSICS.—In the Scientific Course, beginning in the Fall Term of the Junior Year, the subjects are taken in the following order: Mechanics, Heat, Light, Magnetism, and Electricity. The first term of elective Physics is devoted to Sound and the second to further study of Electricity. Quantitative laboratory practice is a part of each term's work, the adjustment and use of apparatus being considered an important factor in scientific training. In addition to class-work, each student makes a special study of some assigned subject and prepares a paper embodying the results of her investigation. Illustrative experiments accompany the lectures and recitations.

The other courses run parallel with the Scientific, so far as Physics is required or elected, except that less time is given to Mechanics.

ASTRONOMY. — The required course presents the fundamental facts and principles of the science, including a knowledge of its history and of recent theories and discoveries. Opportunity is given for observing the moon, planets, sun-spots, solar prominences, double stars, star clusters, and nebulæ.

Young's General Astronomy is used as a text-book, and an important addition to other advantages provided for astronomical study is the biennial course of lectures by its author, Dr. C. A. Young of Princeton College.

The elective work includes spherical and practical astronomy, with the use of the instruments, special attention being given to the study of the meridian circle. Loomis's, Doolittle's, and Chauvenet's text-books are used

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar, and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

BOTANY. — The advantages which the College presents for botanical study are ample. The immediate region with its mountains, river, and sandy plains affords a rich and varied native flora to which the botanic garden, plant house, and herbarium add opportunities for the study of cultivated and foreign plants. The Laboratories have north light and are well equipped. The Kny Charts, the Auzoux Models with selections from those of Brendel, illustrate the more difficult orders and organs of both higher and lower forms. There are also in the cabinets collections of seeds, woods, and specimens illustrating the economic uses of plants. Each table has appliances for running water after Göttingen laboratory models and a locker containing dissecting and compound microscopes, mounting media, re-agents, and other needed implements sufficient for one student.

Gray's New Manual and Lessons, used as a text-book, is supplemented by Bennett and Murray's Handbook of Cryptogamic Botany; Lesquereux and James's Manual of Mosses; Farlow's, Wolle's, and Cook's Algæ; Underwood and Cooke's Century of Fungi, and Rabenhorst's Kryptogamen. The biological library, adjoining the laboratories, contains 700 carefully selected works of reference and the more important periodicals; leading articles from the latter are discussed weekly in the biological club.

The Scientific Course provides for seven terms of botanical work, two of which are required. The other courses follow the same order of subjects as far as time allows.

Outline of work: —

Second Year: Lectures on General Morphology and Physiology; laboratory and field work; classification of Phænogams and higher Cryptogams; drawing of typical forms.

Third Year: Completion of list of one hundred and seventy-five plants analyzed, and herbarium of seventy-five specimens, including composite plants, grasses, sedges, ferns, mosses, and marine algæ; comparison of the life histories of these and of lower forms. Preparation of microscopic slides.

Fourth Year: Special courses are offered in advanced systematic work, in Histology, Physiology, and Embryology. Specific line determined mainly by individual ability and choice.

ZOÖLOGY.—This course extends through two years, the work of one term only being required. Zoölogy is wholly elective in the Literary Course.

Junior Year, Fall Term: The required work consists of an outline of the classification of the animal kingdom, and the dissection of typical

forms of Vertebrates and Invertebrates. Considerable time is devoted to the study of the Earthworm, enabling the student to gain an elementary knowledge of Animal Morphology, Physiology, and Embryology.

The fundamental facts and principles of General Biology in their special application to animal life are brought out by lectures during the term. Drawings and diagrams of the objects studied are required.

In the laboratory, Colton's Practical Zoölogy, Brooks's Handbook of Invertebrates, Claus's Zoölogy, Packard's Zoölogy, Huxley and Martin's Practical Biology, and Foster's Physiology are much consulted. Wilder's Anatomical Technology, and Mivart's work on the Cat, are used in the study of vertebrates.

The elective work has been arranged to meet the needs of two classes of students: —

(*a*) Those desiring some knowledge of methods of teaching, and of practical work in the laboratory, and

(*b*) Those intending to study medicine.

Junior Year, Winter Term: —

I. (*a*) Comparative Zoölogy, a continuation of the work of the Fall Term.

(*b*) Comparative Anatomy; Dissection of cat.

Spring Term: —

II. (*a*) Birds, determination of species, structure, habits, and songs.

(*b*) Histology, embryology of chick.

Senior Year, Fall Term: —

III. (*a*) Entomology; Histology; Microscopical technique.

(*b*) Osteology; Mammalian Anatomy.

Winter Term: —

IV. (*a*) The Essentials of Comparative Physiology.

(*b*) Physiology; Lectures by physician, laboratory work with special reference to human physiology.

Spring Term: —

V. (*a*) Lectures on interesting biological questions; Theories of development; History of the science.

(*b*) Lectures on topics of biological interest, such as heredity, variation, animal metamorphosis. The works of Darwin and Wallace are recommended for reading this term.

As the importance of a practical knowledge of Biology, in preparation for a medical course, is now generally recognized, the attention of students who expect to study medicine is called to the facilities offered for a thorough course in the Botanical and Zoölogical laboratories. The equipment for work in these laboratories is excellent. There are thirty-six dissecting, and twenty-five compound microscopes, twelve of which are Zeiss's, with his

apochromatic objectives, two Thoma microtomes, and Hartnack's embryograph. An apartment adjoining the laboratories is furnished with aquaria, giving opportunity for study of living animals and aquatic plants.

The Biological Club meets weekly, furnishing opportunity for those doing advanced work to present papers on the subjects of investigation, and for the discussion of recent biological literature.

ANATOMY, PHYSIOLOGY, AND HYGIENE. —Instruction in this department is given by the resident physician.

All students attend weekly lectures during one year of their course. Structure is illustrated by models, charts, and by the dissection of lower animals. Lectures on sanitary science conclude the course.

RHETORIC AND LITERATURE.

RHETORIC.—Classical Course, *First Year:* Description, narration, exposition, with study of models and practice in writing. Versification, characteristics of epic, dramatic, and lyric poetry.

Second Year: Argument and persuasion. History and principles of criticism. Debates and essays.

Third Year: Poetics. Critical studies. Four essays.

Fourth Year: Literary criticism. Four essays.

Scientific Course, first, second, and fourth years as in Classical.

Literary Course, same as Classical with an additional term in the third year.

Further work in Rhetoric may be elected throughout the Senior Year of each course.

ENGLISH LITERATURE.—Old and Middle English :—

Required work of second year: (1) Primer of Anglo Saxon, with lectures on the grammar. (2) Selections from Ælfric and Ælfred. (3) Selections from Cynewulf. (4) Late Middle, Chaucer. Reading in class of the Prologue and Knight's Tale. Assigned reading.

Elective work: (1) Selections from Old English Poetry, "Judith," and other Epics. (2) The literature of the period of transition from Old English to Middle English, with attention to phonological changes from Old English to Middle English.

Modern English :

Required work: (1) Lectures during first year on American Literature from the colonial time to the present. (2) During first year survey of English Literature from 1450 to 1850. This course aims to fix in the student's mind a comprehensive outline of the literature of those four centuries, to show the influences which have marked their creative periods, and to point the relation of the master-minds to succeeding periods. Some time is given to the shorter works of the greatest writers, with the object of establishing the habit of thoughtful reading. (3) The History of the English Drama, preparatory to the study of Shakespeare's plays. (4) A study of the

English masters occupies two terms of the Junior Year. The first term is devoted to the study of the great prose works, from the fifteenth century to the present, in the order of production, the semi-romance, the literary essay, the polemical and the argumentative essay, the philosophical romance, and the novel. The work of the second term is a study of the poetical masterpieces, the minor epic, the great epic, lyric poetry, and the sonnet. The number of works studied does not exceed ten for each term, and pupils present essays upon them. This work is designed to give a thorough knowledge of the masterpiece, to teach how to use books and how to study a great work as a whole, to strengthen the judgment, and to develop the power of self-reliant thinking.

Electives: (1) The Rise of the Drama, instruction given by lectures and assigned readings. (2) Shakespeare's Plays; three of the Comedies, three of the Historical plays, and three of the Tragedies are selected. Each pupil prepares one essay for the term. This course is designed to discover to the pupil the rightful province of critical literature, the natural development of the plays, and the personality of the dramatist himself. (3) Victorian Literature. The work of this term includes a study of the period as a whole, and of those writers, both of prose and of poetry, who have been guides of thought or who have illustrated in their works the great movements of the time. (4) American Literature. Critical study of one or more of the representative works of our leading authors. Essays and discussions upon the selected works studied in their entirety.

Electives (2) and (4) are open to students who have had the work in the English masters. All students electing either of these courses should confer with the instructor in the same at least three weeks before the term begins in which it is offered.

HISTORY.

ANCIENT HISTORY.—The Classical and Literary Courses admit a wide range of topical study. The time is divided between Grecian and Roman History. Theses and Student Lectures are required on such subjects as Grecian and Roman Colonization; Sappho; The Republic of Plato; Coinage of Greece and Rome (original coins are studied); Criticism of great historical stories; The Philosophy of Marcus Aurelius.

The Scientific Course aims to give a general outline of Oriental, Grecian, and Roman History, with as much additional work as the prescribed time and the ability of the individual student allow.

MEDIÆVAL AND MODERN HISTORY.—The aim of these courses is to give the student a knowledge of the development of civilization from the time of the Barbarian Invasions. Special study is therefore given to the history of social, political, and religious institutions. The students are provided with printed outlines and numerous references to the best authorities, and are required to do much library work. Instruction is given by lectures, accompanied by class work.

Literary Course. *Second Year*:—(Required) Early Mediæval History.

Elective: Mediæval Church History; Political History of England; Political History of the United States.

Third Year: (Required) Later Mediæval History, Renaissance; History of Europe from Renaissance to French Revolution; History of Europe since the French Revolution.

Elective: Early Social and Political Institutions of France; study of government, society, and opinion in France, in seventeenth and eighteenth centuries; Constitutional History of England.

Fourth Year: Elective: Constitutional History of England; Constitutional History of United States.

CIVICS AND POLITICAL ECONOMY.

CIVIL GOVERNMENT.—The aim of this course is to give a correct idea of our system of government, by a study of the American Constitution as originally framed, with its successive modifications to the present time. Besides recitations from the text-book, and consultation of authorities on the history of the Constitution, various related topics are presented by the teacher, including political, financial, and social questions of the day.

Among the text-books used are Andrew's Manual of the Constitution, and Civil Government in the United States, by John Fiske.

POLITICAL ECONOMY.—Senior Year, Fall Term: The purpose of the work of this term is, in considering Economic Theory, to cover the ground represented by Mill and kindred writers, and to compare these views with recent developments of thought in reference to the fundamental concepts, and, as far as possible, to construct a consistent theory of the whole subject. Among the recent authors used are Ely, Clark, Marshall.

Winter Term: Opportunity is given in a study of "practical questions" of Political Economy, to discover what principles of economic theory are true when man's relation to the State is considered.

In the Spring Term investigation may be continued in reference to International Relations.

LOGIC AND PHILOSOPHY.

LOGIC.—Not only the forms of logical expression are studied, but also an attempt is made to discover how the modes of expression correspond with logical thought-processes. For the formal work, Jevons is the principal authority; for the real or advanced logic, Everett's Science of Thought and Harris's Theory of the Syllogism.

PHILOSOPHY.—Fall Term: An outline of the different kinds of Psychology is presented, but the greater part of the time is given to the study of Psychology from the standpoint of introspection; this method is considered the best for preparing the students for an appreciation of the philosophic thought of the past. Introduction to the Study of Philosophy (Harris) is made the basis of the work; also the views of contemporaneous writers upon the different phases of the subject are compared.

Winter Term: The course in History of Philosophy includes a study of the development of thought in both ancient and modern times. The authors used the most largely are Schwegler and Ueberweg. As collateral work selections from the writings of several philosophers are taken.

Spring Term: In Ethics, man is studied not as an isolated individual, a compound of virtues and vices, but as a personality developing through the institutions of society. Several authors are consulted. Hickok's Moral Science is the guide to the students in their work. Discussions upon practical applications of the Ethical Principle in social relations are a chief feature of the course.

Opportunity is given in the History of Ethics to trace the rise and progress of the various ethical theories.

HISTORY OF ART.

This course includes the study of Pre-Christian Art, Early Christian Art, Gothic Architecture, Mediæval Sculpture, and Painting. Renaissance Period; Sienese, Tuscan, Umbrian, Paduan, and Venetian Schools, with those of Bologna, Rome, and Naples; Spanish, Flemish, and Dutch Painters. An opportunity is offered for the study of the development of art in the XVIIIth century.

THEISM AND CHRISTIAN EVIDENCES.

These subjects occupy the latter part of the Senior Year. Leading topics are systematically pursued, and the views of various authors considered. The works most consulted are Samuel Harris's Self-Revelation of God, Flint's Theism and Anti-Theistic Theories.

THE BIBLE.

Time is given, in the first year, to the consideration of the canons of the Old and New Testaments.

The Old Testament study, extending through four years, includes the Pentateuch; Joshua; the Judges; the Kingdom under David and Solomon; the history of the two Kingdoms until their dissolution; the Prophetical writings. The literature of each period is considered in connection with the history.

The New Testament study, occupying the last term of each of the four years, is given to the life of Christ in the Gospels; the Acts of the Apostles; the epistles to the Hebrews and the Romans.

There is a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

ART AND MUSIC.

DRAWING.

First Year: Preparatory Antique Class; Cast Drawing—plant forms, heads, parts of the human body.

Second Year: Antique Class; Cast Drawing—heads, busts, full-lengths.

Third Year: Life Class; heads from life, draped model.

Normal Class, course complete in one year. Form Study—modeling in clay, outline drawing; ornamental design; perspective drawing; light and shade, charcoal drawing from casts of geometrical and plant forms.

Sketch Class; Outdoor sketching, model in costume.

Composition Class; original compositions.

Lectures and Readings: theory of art, historical subjects, decoration and artistic expression.

PAINTING.

Instruction is given in oils and water colors. The lessons include painting from flowers, fruit, and other forms of still-life, and landscape with outdoor sketching. The practical work will be supplemented by lectures upon perspective and composition, theory and philosophy of painting, and history of the different schools of painting.

Painting may be taken as an elective by any member of the College in Junior and Senior Years. Not less than six hours a week will be required, *three hours of practical work being considered an equivalent for one hour a week of recitation.*

There will be examinations upon the lectures, and an exhibition of the work in the department will be held at the end of each College year.

Instruction in drawing and painting is given to the regular students without charge.

MUSIC.

A student is allowed to elect music in Junior Year, after passing a satisfactory examination upon rudiments of music acquired during, at least, one year's previous work. The study includes instruction upon the piano and in harmony, with six hours' practice. *Three hours of practice upon the piano are considered the equivalent of one hour of regular recitation.*

Grade A: Technical studies: Czerny's Etudes, Op. 299, books 1, 2, and 3; Cramer (Bülow Edition), 1st book; Bach's Two Part Inventions; Krause, Op. 5; Heller, Op. 46 and 45.

Grade B: Technical studies; Czerny's Etudes, Op. 740 (selected); Cramer (Bülow), books 2 and 3; Krause, Left-hand studies, Op. 15; Heller's Art of Phrasing, Op. 16; Bach's Three Part Inventions.

Equivalents for same grade of work accepted. Emery's Elements of Harmony, text-book in use. Private instruction in the cultivation of the voice, or upon the piano, is at the rate of $15 for twenty lessons.

It is the aim of the College, as soon as facilities will permit, to present a musical course of three years, based upon a plan similar to that of leading schools of music in this and foreign countries.

SYNOPSIS OF COURSES OF STUDY.

CLASSICAL COURSE.

FRESHMAN YEAR.—FALL TERM.

Latin, 4 hours. Higher Algebra, 3. Greek, 4. Rhetoric, 1. Lectures on American Literature, 1. Drawing, 1. Vocal Music, 2. Bible, 1.

WINTER TERM.

Latin, 4 hours. Geometry, 4. Greek, 3. Rhetoric, 1. Lectures on American Literature, 1. Vocal Music, 2. Bible, 1.

SPRING TERM.

Latin, 4 hours. Trigonometry, 4. Greek, 2. Rhetoric, 1. Lectures on Rise of Drama, 1. Vocal Music, 2. Bible, 1.

SOPHOMORE YEAR.—FALL TERM.

Chemistry, 4 hours. Greek, 4. Latin, 1. Rhetoric, 1. Lectures on Physiology, 1. Elocution, 1. Bible, 1.

*Electives, 3 hours. Analytic Geometry; French; German; Political History of England.

WINTER TERM.

Grecian History, 2 hours. Latin, 3. Greek, 3. Rhetoric, 1. Lectures on Physiology, 1. Elocution, 1. Bible, 1.

Electives, 3 hours. Analytic Geometry; Qualitative Analysis; Political History of England; French; German.

SPRING TERM.

Roman History, 2 hours. Botany, 2. Logic, 2. Rhetoric, 1. Drawing, 1. Bible, 1.

Two Electives, each 2 hours. Theory of Equations; Chemistry; Latin; Greek; French; German; Political History of United States; Civil Government.

JUNIOR YEAR.—FALL TERM.

Zoölogy, 2 hours. English Literature, 2. Botany, 2. Mediæval History, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

*In any term a class will be formed for six or more students electing the same work.

Two Electives, each 2 hours. Calculus; Latin; Greek; French; German; English Literature; Logic; Chemistry; Botany; Zoölogy; Drawing or Painting; Music.

WINTER TERM.

English Literature, 2 hours. History, 3. Physics, 4. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Calculus; Chemistry; Latin; Greek; French; German; English Masters; Botany; Zoölogy; Drawing or Painting; Music.

SPRING TERM.

Astronomy, 3 hours. History, 3. Lectures on Geology, 1. Vocal Music, 2. Bible, 1.

Two Electives, each 2 hours. Latin; Greek; French; German; English Masters; Chemistry; Physics; Botany; Zoölogy; Drawing or Painting; Music.

SENIOR YEAR.—FALL TERM.

Psychology, 4 hours. Political Economy, 4. Rhetoric, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Oriental Literature; Calculus and Determinants; Latin; Greek; French; German; Constitutional History of England; Anglo Saxon; Shakespeare; Botany; Zoölogy; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting.

WINTER TERM.

History of Art, 4 hours. History of Philosophy, 3. Rhetoric, 1. Elocution, 1. Bible, 1.

Two Electives, each 2 hours. Political Economy; Analytic Geometry of Three Dimensions; Latin; Greek; French; German; Constitutional History of England; Anglo Saxon; English Literature, Victorian Period; Botany; Zoölogy; Physiology; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting.

SPRING TERM.

Ethics, 4 hours. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1.

Electives, 2 hours. History of Ethics; International Law; History of Art of the XVIIIth Century; Modern Analytic Geometry; Latin; Greek; French; German; Constitutional History of United States; English Literature; Botany; Zoölogy; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting.

SCIENTIFIC COURSE.

FRESHMAN YEAR.—FALL TERM.

Latin, 4 hours. Higher Algebra, 3. French or German, 4. Rhetoric, 1. Drawing, 2. Vocal Music, 2. Bible, 1.

WINTER TERM.

Latin, 4 hours. Geometry, 4. French or German, 4. Rhetoric, 1. Vocal Music, 2. Bible, 1.

SPRING TERM.

Ancient History, 4. Trigonometry, 4. French or German, 2. Rhetoric, 1. Drawing, 1. Vocal Music, 2. Bible, 1.

SOPHOMORE YEAR.—FALL TERM.

Chemistry, 4 hours. Analytic Geometry, 3. French or German, 2. Rhetoric, 1. Lectures on Physiology, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Latin, Horace; Physiology; German or French.

WINTER TERM.

Qualitative Analysis, 2 hours. Analytic Geometry, 3. Mediæval and Modern History, 4. Rhetoric, 1. Lectures on Physiology, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Latin; French; German; Botany.

SPRING TERM.

Logic, 2 hours. Botany, 4. French or German, 2. Rhetoric, 1. Lectures on Physiology, 1. Drawing, 1. Bible, 1.

Electives, 2 hours. Theory of Equations; Latin; French or German; Chemistry; Civil Government; Political History of United States.

JUNIOR YEAR.—FALL TERM.

Zoölogy, 2 hours. English Literature, 2. Botany, 2. Mechanics, 2. Vocal Music, 2. Bible, 1.

Two Electives, each 2 hours. Calculus; Chemistry; Latin; French; German; Botany; Zoölogy; History; Logic; Drawing or Painting; Music.

WINTER TERM.

English Literature, 2 hours. Mineralogy, 2. Physics, 4. Vocal Music, 2. Bible, 1.

Two Electives, each 2 hours. Calculus; Chemistry; Latin; French; German; Botany; Zoölogy; History; Drawing or Painting; Music.

SPRING TERM.

Astronomy, 4 hours. Geology, 3. Physics, 3. Vocal Music, 2. Bible, 1. Electives, 2 hours. Chemistry; Latin; French; German; Botany; Zoölogy; History; English Masters; Drawing or Painting; Music.

SENIOR YEAR.

Required studies as in Classical Course. In the elective work Greek is omitted and Ancient Literature is offered in the Fall Term.

LITERARY COURSE.

FRESHMAN YEAR.—FALL TERM.

Latin, 4 hours. Grecian History, 2. *French or German, 4. Rhetoric, 1. American Literature, 1. Vocal Music, 2. Bible, 1.

WINTER TERM.

English Literature, Survey 1450-1700, 2 hours. Solid and Spherical Geometry, 4. French or German, 4. Rhetoric, 1. American Literature, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Plane Trigonometry; Latin; Greek.

SPRING TERM.

Latin 4 hours. Roman History, 2. English Literature, Survey 1700-1850, 2. French or German, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Spherical Trigonometry; Latin; Greek; Rise of Drama.

SOPHOMORE YEAR.—FALL TERM.

French, 2 hours. German, 2. Chemistry, 4. Anglo Saxon, Primer and Selections, 2. Rhetoric, 1. Physiology, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Analytic Geometry; Latin; Greek; History.

WINTER TERM.

French, 2 hours. German, 2. Early Mediæval History, 3. Anglo Saxon, Prose, 6 weeks, Poetry, 6 weeks, 2. Rhetoric, 1. Physiology, 1. Elocution, 1. Drawing, 1. Bible, 1.

Electives, 2 hours. Analytic Geometry, continued; Latin; Greek; Chemistry.

*Language required is the one not offered at entrance.

SPRING TERM.

French, 2 hours. German, 2. Logic, 2. Late Middle English, Chaucer, 2. Botany, 2. Rhetoric, 1. Drawing, 1. Bible, 1.

Electives, 2 hours. Higher Algebra; Latin; Greek; Chemistry; Anglo Saxon; History of Mediæval Church.

JUNIOR YEAR.—FALL TERM.

French, 2 hours. German, 2. English Literature, The English Drama, 1. Later Mediæval History, Renaissance, 2. Botany, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Calculus; Latin; Greek; Early English, 1150-1300; History; Logic; Chemistry; Zoölogy; Drawing or Painting; Music.

WINTER TERM.

French or German, 2 hours. English Masters, Prose, 4. History of Europe from Renaissance to 1815, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours each. Calculus; Latin; Greek; German or French; Chemistry; Mineralogy; Physics; Botany; Zoölogy; History; Drawing or Painting; Music.

SPRING TERM.

English Literature, English Masters, Poetry, 4 hours. History, Europe since 1815, 2. Civil Government, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 3 hours. Latin; Greek; French; German; Geology; Physics; Astronomy; History; Biology; Chemistry; Physiology; Drawing or Painting; Music.

SENIOR YEAR.—FALL TERM.

Psychology, 4 hours. Political Economy, 4. Rhetoric, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Ancient Literature; Advanced Differential and Integral Calculus; Determinants; Latin; Greek; French; German; Constitutional History of England; English Literature, Shakespeare; Botany; Zoölogy; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing; Painting.

WINTER TERM.

History of Art, 4 hours. History of Philosophy, 3. Rhetoric, 1. Bible, 1. Elocution, 1.

Two Electives, 2 hours each. Political Economy; Analytic Geometry of Three Dimensions; Latin; Greek; French; German; Constitutional History of England; English Literature, Victorian Period; Botany; Zoölogy; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing or Painting.

SPRING TERM.

Ethics, 4 hours. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1. Electives, 2 hours. History of Ethics; Integral Law; History of Art of the XVIIIth Century; Modern Analytic Geometry; Latin; Greek; French; German; Constitutional History of the United States; English Literature, American Seminary; Botany; Zoölogy, History of the Science; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing or Painting.

SEMINARY COURSE.

FIRST YEAR.—FALL TERM.

Latin, 4 hours. Algebra, 4. Oriental and Grecian History, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1. American Literature, 1.

WINTER TERM.

Latin, 4 hours. Geometry, 4. Roman History, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1. American Literature, 1.

SPRING TERM.

Latin, 4 hours. Trigonometry, 4. Rhetoric, 1. Drawing, 2. Vocal Music, 2. Bible, 1.

SECOND YEAR.—FALL TERM.

Latin, 4 hours. Chemistry, 4. French or German, 3. Rhetoric, 1. Physiology, 1. Elocution, 1. Bible, 1.

WINTER TERM.

French or German, 3 hours. Mediæval and Modern History, 4. Civil Government, 2. Biology, Animal or Vegetable, 2. Rhetoric, 1. Physiology, 1. Elocution, 1. Bible, 1.

SPRING TERM.

Zoölogy, 2 hours. Logic, 2. Botany, 2. French or German, 2. Physiology, 1. Rhetoric, 1. Drawing, 1. Bible, 1.

THIRD YEAR.—FALL TERM.

Latin, 4 hours. Mineralogy, 2. Botany, 2. English Literature, 2. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Analytic Geometry; Chemistry; French; German; Greek; Logic; Botany; Zoölogy; History; Drawing; Music; Painting.

WINTER TERM.

Physics, 4 hours. English Literature, 2. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Two Electives, each 2 hours. Analytic Geometry; Greek; Chemistry; Latin; French; German; Botany; Zoölogy; History; Drawing or Painting; Music.

SPRING TERM.

Physics, 3 hours. Astronomy, 3. Geology, 3. Rhetoric, 1. Vocal Music, 2. Bible, 1.

Electives, 2 hours. Higher Algebra; Chemistry; Greek; Latin; French; German; Botany; Zoölogy; History; English Masters; Drawing or Painting; Music.

FOURTH YEAR.

The same as Classical Course, except that Greek Literature is offered as an elective in the Fall Term.

SPECIAL STUDENTS.

Special advantages are offered to teachers who wish to pursue a course of advanced study in connection with any of the college classes. Such candidates are not required to pass examination, they must be over twenty-one years of age, and must have taught at least one year. They must furnish testimonials of approved character, and give evidence of the requisite ability to pursue the studies in the regular classes they select. Their continuance in the College will depend upon fidelity in their work and scholarship that is satisfactory to the Faculty.

Such students will not receive a degree.

After students in the Seminary and College Courses have been received, candidates for special work will be accepted, so far as accommodations of the College will permit. If not thus accommodated, board may be obtained in private families, at an expense varying from $4 to $6 per week.

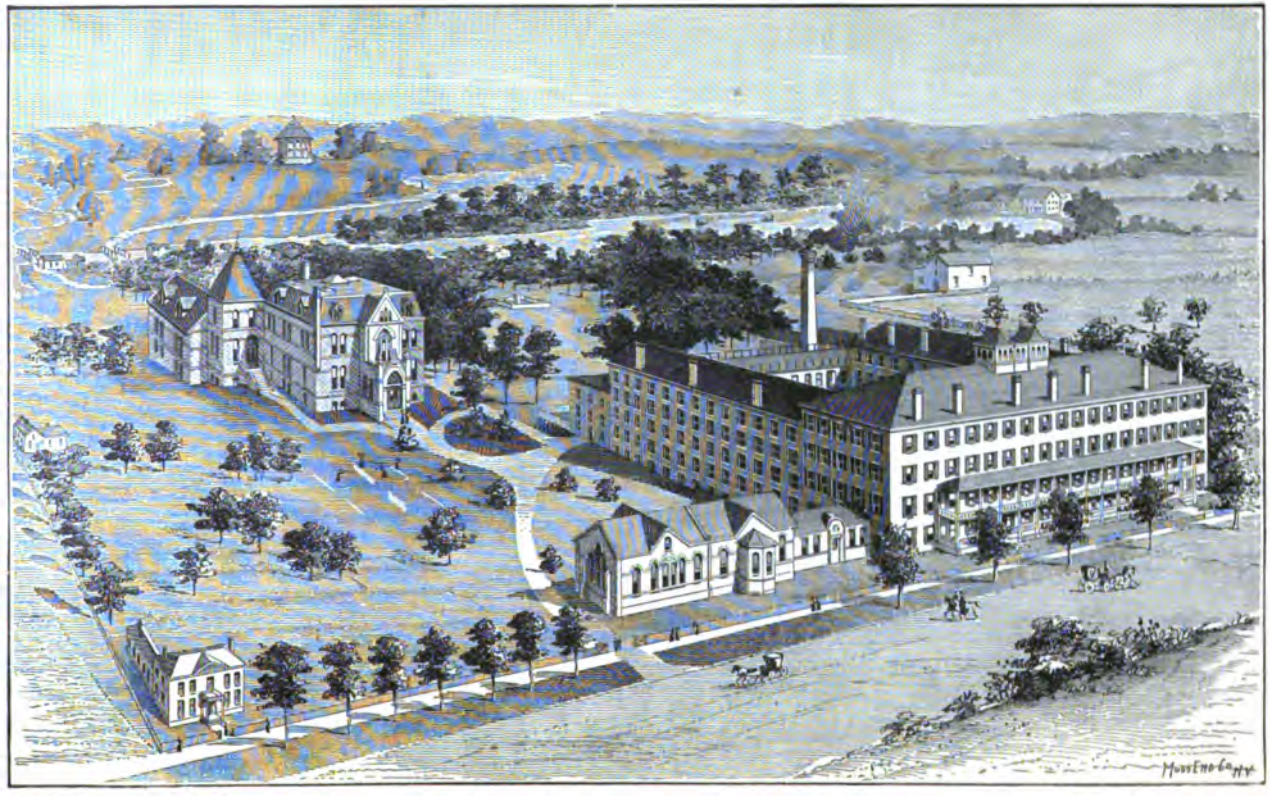
DEGREES.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive the degree of Bachelor of Science.

Those who complete the Literary Course receive the degree of Bachelor of Literature.

The Seminary diploma is conferred, as in former years, on those who complete the Seminary Course.



BIRD'S-EYE VIEW OF THE COLLEGE BUILDINGS AND GROUNDS.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis-courts. The botanic garden with its artificial lily-pond, a grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook are in the rear of the building. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the foot-path and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

LIBRARY AND READING-ROOM.—The library is a tasteful fire-proof building, connected by a corridor with the main edifice. It was enlarged in 1887 by adding a second apartment, furnished with compactly-arranged cases, which give room for twenty-five thousand additional volumes within easy reach. The pleasant and well-filled alcoves of the main room are the resort of large numbers of students, throughout the day and evening. They have direct access to the shelves, aided by a card-catalogue, a classified index, and other helps. There are department-libraries in connection with the laboratories and class-rooms in Williston Hall. The whole number of volumes at present is between thirteen and fourteen thousand, chosen with careful adaptation to the courses of study, and forming an excellent reference library.

The reading-room and library are liberally supplied with the leading papers and periodicals, both American and foreign.

WILLISTON HALL.—The Lyman Williston Hall contains large and well appointed rooms for lectures and recitations in the natural sciences, extensive cabinets, laboratories for practical work, and valuable apparatus.

The art gallery occupies the entire upper floor of this building, includ-

ing a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; "Coast of Norway," by Robert Kluth, a recent gift from Hon. E. A. Goodnow; and pictures by other well-known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and a set of carbon photographs from Rembrandt's most noted works. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

A recent addition to Williston Hall furnishes ample accommodations for the department of Biology. It contains two laboratories for Zoölogy and one for Physiology, with a reference library adjoining; also several rooms for recitations in other departments. On the lower floor is an apartment designed for aquaria, which proves an important adjunct to the biological laboratories, affording opportunity for the observation of living animals, and study of aquatic plants.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.— An astronomical observatory was completed in June, 1881. It contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, JOHN PAYSON WILLISTON.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $200 for the year; $100 to be paid the first Monday of the Fall Term, and $100 the first Monday of the second term. The price of tuition alone for teachers in the Special Course who board in town is $75 for the year; $38 to be paid the first Monday of the Fall Term, and $37 the first Monday of the second term. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

If, for any reason, the student should remain but a part of the year, the charge will be not less than seven dollars per week for the time spent at the Institution.

No deduction will be made for temporary absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

FAMILY ARRANGEMENTS.

All the teachers and students share the familiar intercourse of a well-ordered Christian home. The daily hour given by every student to domestic work, under systematic planning and skillful supervision, secures the comfort of the large household.

The regulations of the family are such as tend to insure habits of promptness and diligence, of order and system, of self-control and thoughtfulness for others. Punctual attendance throughout each term is exceedingly important. The regular study hours should be uninterrupted. Calls and visits from friends of the students should be limited to the weekly recreation-time, which includes Tuesday evening and Wednesday,—not Wednesday evening, Saturday, nor Sunday.

Attendance at the Sabbath morning service is required, and at the Bible recitation in the afternoon.

Daily exercise in the open air is expected, and during the winter term light gymnastics on two days of the week, unless one is excused by the physician. The gymnasium is spacious, well-lighted, and airy. In addition to the regular class practice with dumb-bells, rings, wands, and clubs, exercises with special apparatus are prescribed in individual cases. The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge.

HISTORY OF MOUNT HOLYOKE SEMINARY AND CATALOGUES.

The History of Mount Holyoke Seminary, published in 1887, gives an account of the origin and growth of the Seminary during its first half century, and is illustrated with heliotypes and steel engravings. It is sold at the uniform price of $2.00, or $2.25 if sent by mail or express prepaid.

A General Catalogue of the officers and students of the Seminary from 1837 to 1889 has been published. It includes the names of all who have been members of the school, with the school address, the present or last reported address, the names of husbands, date of marriage, and in the case of students the place and date of death, so far as known. Price, by mail, 75 cents.

Orders for either of these books may be addressed, Mount Holyoke Seminary and College, South Hadley, Mass.

A copy of the Annual Catalogue will be sent to any Mount Holyoke student who will forward her address early in the year.

Members of the Memorandum Society please notice this condition.

NOTICE TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

It is especially desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, including a Bible dictionary.

Books and stationery can be purchased at the Institution on reasonable terms.

A copy of the catalogue will be forwarded to each accepted candidate, with this paragraph marked. If there is a mistake about the application of any one to whom it is thus forwarded, or if any who suppose themselves accepted fail to receive this catalogue, information should be communicated immediately.

Mount Holyoke Seminary and College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet *accommodation* trains except during the winter. At Holyoke, stages meet *express* trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in the large cities and towns east and west.

The telegraph line runs to South Hadley and there is also a telephone office at the Institution.

MOUNT HOLYOKE ALUMNÆ ASSOCIATIONS.

Annual Meeting of National Association, June 17, 1891.

New Haven Association.
President: MRS. THERA WEST FAIRCHILD.

Association of the Northwest.
President: MRS. MARY GAGE PETERSON.

Association of Boston and Vicinity.
President: MISS SARAH P. EASTMAN.

Association of Worcester and Vicinity.
President: MRS. SARAH TUFTS DEWEY.

Pacific Association.
President: MRS. SUSAN TOLMAN MILLS.

Hawaiian Association.
President: MISS MARTHA CHAMBERLAIN.

Philadelphia Association.
President: MRS. MARY ROTHROCK MCFARLAND.

Association of New York, Brooklyn, and Vicinity.
President: MISS CHARLOTTE MORRILL.

Hartford Association.
President: MRS. MARIA FREEMAN TALCOTT.

Eastern New York Association.
President: MRS. HARRIET GARDNER BETTS.

Franklin County, Mass., Association.
President: MRS. EMMA FERRIN COWAN.

Amherst Association.
President: MRS. MATILDA SMITH MAGILL.

Central and Western New York Association.
President: MRS. ELIZA HASKELL FRISBIE.

Hampden County, Mass., Association.
President: MRS. CASSANDRA WASHBURN BURNHAM.

Utah and Rocky Mountain Association.
President: MRS. ANNA HOOD HALL.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke Seminary and College, in South Hadley. Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

MOUNT HOLYOKE SEMINARY,

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

FIRST CLASS GRADUATED

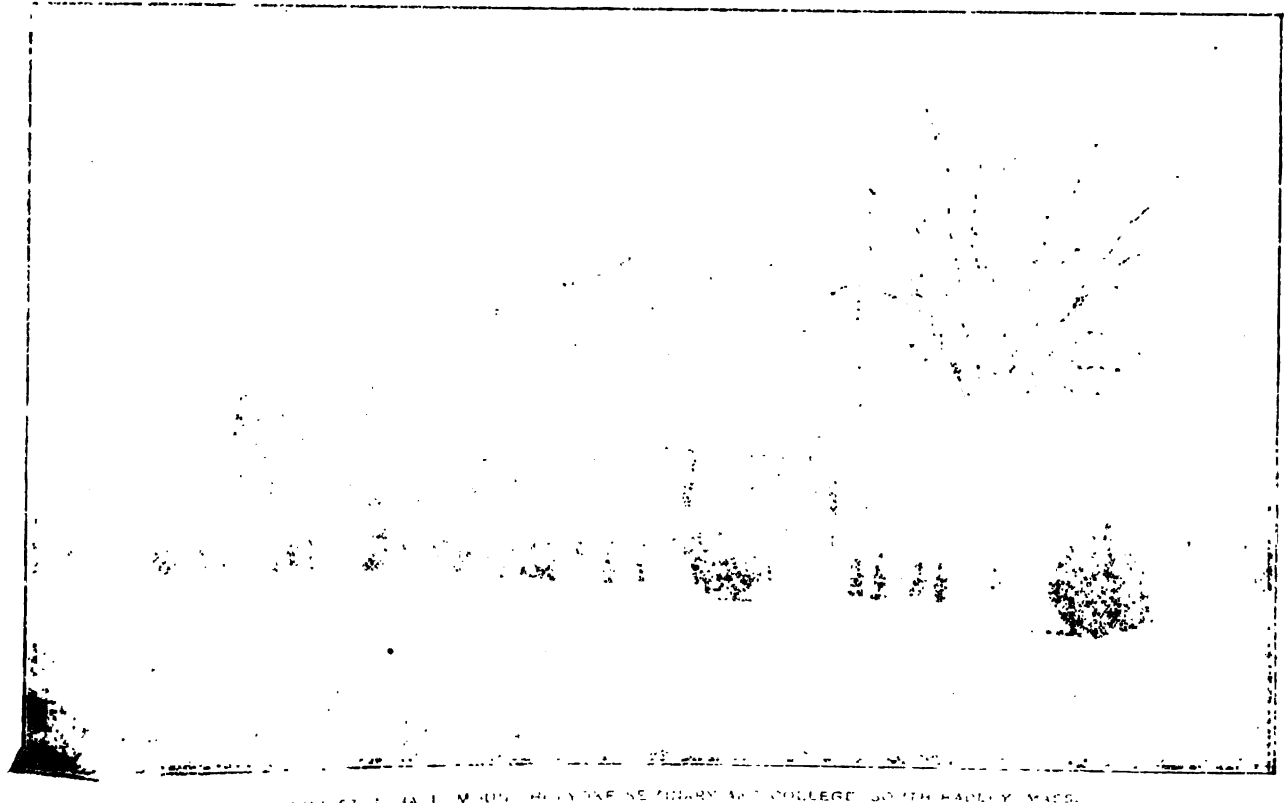
AUGUST 23, 1838.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.



MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL, MOUNT HOLYOKE SEMINARY AND COLLEGE, SOUTH HADLEY, MASS.

ANNUAL

OF

MT. HOLYOKE SEMINARY AND COLLEGE

IN

SOUTH HADLEY, MASS.

1891-1892.

PUBLISHED BY THE
SEMINARY AND COLLEGE.

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CALENDAR.

Spring Vacation,	March 31 to April 12, 1892.
Baccalaureate Sermon,	Sunday, June 19, 1892.
Meeting of the National Association of Mount Holyoke Alumnæ,	Wednesday, P. M., June 22, 1892.
Commencement Exercises,	Thursday, 11 A. M., June 23, 1892.
Entrance Examinations,	September 13-16, 1892.
Fall Term begins	Thursday, September 15, 1892.
Founder's Day,	Tuesday, November 8, 1892.
Thanksgiving Recess,	Wednesday noon to Friday noon.
Class Work of Winter Term begins	Monday, December 12, 1892.
Winter Vacation begins	Wednesday, December 21, 1892.
Winter Vacation ends	Wednesday, January 4, 1893.
Day of Prayer for Colleges,	Thursday, January 26, 1893.
Holiday, Washington's Birthday,	Wednesday, February 22, 1893.
Class Work of Spring Term begins	Tuesday, March 21, 1893.
Spring Vacation begins	Thursday, March 30, 1893.
Spring Vacation ends	Tuesday April 11, 1893.

ENTRANCE EXAMINATIONS IN WILLISTON HALL, JUNE 7-10, AND SEPTEMBER 13-16, 1892.

Tuesday, 1.30 P. M., History of United States.
" 3 P. M., English and Rhetoric.
" 7 P. M., English History.
Wednesday, 8.30 A. M., Algebra.
" 10.45 A. M., Botany.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 7 P. M., Ancient History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Virgil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

Examination in the following subjects :—

MATHEMATICS.—University Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent in Arnold, Allen and Greenough, or Harkness; Cæsar, Gallic War, four books; Cicero, seven orations; Virgil's Æneid, six books. The *Roman pronunciation* is used.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

HISTORY of the United States.

ANCIENT HISTORY.—Myer's History of the Eastern Nations and Greece to the Age of Pericles, and Allen's History of the Roman People to the Imperial Period, or equivalents.

ENGLISH AND RHETORIC.—Diction, sentences and paragraphs; Letter writing; Abstracts; Paraphrases; Construction of Plans. Genung's Practical Elements of Rhetoric, pp. 1-324, or an equivalent, and Trench on the Study of Words.

In 1892, subjects for writing will be given from Shakespeare's Julius Cæsar and As You Like It, Scott's Marmion, Longfellow's Courtship of Miles Standish, Addison's Sir Roger de Coverley Papers, Macaulay's second Essay on the Earl of Chatham, Webster's first Bunker Hill Oration, Irving's Alhambra, Scott's Talisman, George Eliot's Scenes from Clerical Life, Hawthorne's House of the Seven Gables.

In 1893, Shakespeare's Julius Cæsar and Twelfth Night, Scott's Marmion, Longfellow's Courtship of Miles Standish, the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Ivanhoe, Dickens's David Copperfield.

In 1894, Shakespeare's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, Arnold's Sohrab and Rustrum, the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Abbot, Dickens's David Copperfield.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

ELEMENTARY BOTANY.—Gray's How Plants Grow, or an equivalent; Plant Determination.

FRENCH OR GERMAN.—

FRENCH.—Petite Grammaire, Sauveur; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bôcher's College Plays; Two books of Modern Prose Writers; Esther, Racine; Le Cid, Corneille.

GERMAN.—Wenckebach's or Joynes-Meissner's Grammar; Stein's Composition; Deutscher Anschauungs-Unterricht, Wenckebach, Parts I. and II. studied as illustrated in the preface; Das deutsche Buch, van Daell and Schrakamp; Brandt's German Reader, or Im Zwielicht, by Dr. W. Bernhardt; Immensee, by Storm; Die Journalisten, by Gustav Freytag. German Script.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following exceptions:—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required.

SEMINARY COURSE.

Candidates for admission to the first year of the Seminary Course are examined in the following subjects:—

MATHEMATICS.—Olney's Complete School Algebra, through Quadratics, or an equivalent; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar; Jones's Latin Prose Composition *entire;* Cæsar's Gallic Wars, four books, or an equivalent amount of Cornelius Nepos or Sallust; Cicero, seven orations. A thorough acquaintance with the principles of syntax is required. The *Roman pronunciation* is used.

ENGLISH, RHETORIC, AND HISTORY as required for Classical Course.

Entrance examinations take place at the College, June 7, 8, and 9, or September 13, 14, and 15, 1892.

The June examinations may be taken in Chicago, St. Louis, Washington, Philadelphia, Garden City, L. I., and Boston.

Any candidate desiring to take such examinations should communicate with the President before May, 1892. She should also arrange for board during the three days.

Students are not admitted on certificate.

Although well qualified candidates may be admitted to the entering class at sixteen years of age, it is advisable that all should be seventeen or eighteen, and that none should enter the Senior Class under twenty.

No students are received for less time than one year.

Communications relating to admission may be addressed to the President. The name, age, attainments, and general characteristics of the applicant should be stated.

COURSES OF STUDY AND METHODS OF INSTRUCTION.

ANCIENT CLASSICS.

LATIN.—*First Year*, Fall Term: Cicero's De Senectute and De Amicitia. Winter Term: Livy, Books XXI. and XXII. Spring Term: Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica.

Second Year, Fall Term: Prose Composition and sight translation. Winter Term: Tacitus, Germania and Agricola.

ELECTIVE.—*Second Year*, Spring Term: Pliny's Letters. *Junior Year*, Fall Term: Plautus. Winter and Spring Terms: Crowell's Selections from Latin Poets. *Senior Year*, Fall Term: Cicero de Immortalitate. Winter Term: Quintilian.

Latin is required during two terms of the Literary Course.

Prose Composition, sight translation, and occasional finished written translations are required throughout the course.

Special attention is given to Syntax and Etymology in the work of the first term. Subsequently more time is devoted to the subject matter of the text, the style and spirit of the authors, and their relation to the history of their time.

GREEK.—In the study of Greek, the aim is to secure familiarity with Greek words and grammatical constructions, an acquaintance with Greek literature and its history, and with the relation of the Greek language to English.

First Year, Fall Term: Herodotus and Thucydides, Prose Composition, syntax of the verb, formation of words. Private Reading, Xenophon's Memorabilia. Winter Term: Odyssey, Homeric syntax, Prose Composition, Reading at sight. Private Reading, Euripides' Alcestis. Spring Term: Lyric Poetry, Greek Testament. Private Reading, Lysias's Against Eratosthenes.

Second Year, Fall Term: Plato's Apology and Crito, Greek Drama. Private Reading, Plato's Gorgias, Hesiod. Winter Term: Demosthenes, Greek History and Institutions. Private Reading, Iliad. Spring Term (Elective): Aristophanes' Clouds, Odes of Pindar, Plato's Phædo.

Those who wish to make a specialty of Greek may find opportunity in the elective work throughout the course.

Mount Holyoke College now contributes to the support of the American School of Classical Studies at Athens. The school affords facilities

for archæological and classical investigation and study in Greece, and graduates of this college are entitled to all its advantages without expense for tuition.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, with a critical analysis of a few of the masterpieces, as presented in the best English version. The study of Indian and other Oriental literature is followed by that of Greece (with the aid of the works of Mure, Müller, Gladstone, and others). The Homeric poems, especially the Iliad, are carefully studied in the light of the best literary criticism, and the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is considered; and the most celebrated plays are read and discussed by the class. The plan includes similar studies of Roman literature, and of mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.

The language studied is the medium of instruction. The aim in the arrangement of the courses is to secure a practical and a theoretical knowledge of French and German; attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of the literature.

In the instruction given the purpose is to teach the correct use of the language, and to awaken a spirit of sympathy with the thought and culture which the language represents in its masterpieces.

FRENCH.

I. Grammaire et Exercices; Idiotismes.
Selections from Balzac, George Sand, Chardenal, Bué.
Histoire de la Littérature française depuis ses origines jusqu'au XVIème siècle.

II. Histoire de la Littérature française du XVIIème siècle.
Corneille.
Guizot: Corneille et son temps.
Modern Prose.

III. Racine.
Selections from Descartes, Pascal.
Port Royal.
Modern Poets.
La Bruyère, La Rochefoucault, Bossuet, Fénelon, Massillon, Boileau.

IV. Sainte-Beuve.
Portraits de Femmes.
Mme. de Sévigné, Mme. de la Fayette.
Molière.
Histoire de la Littérature française du XVIIIème siècle.

V. Sainte-Beuve, J. Lemaître.
Histoire de la Littérature française du XIXème siècle.
Ecole romantique: Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.

VI. Comédies du XIXème siècle.
Critical study of Béranger, Musset, Gautier, Coppée, de Vigny, le Conte de Lyle.
Reading of Old French.
Scientific French.

Translations, essays, memorizing prose and poetry, readings and lectures throughout the course.

GERMAN.

I. Conversation, based on Wenckebach's Anschauungs-Unterricht; Exercises in Writing.
Grammar, Joynes-Meissner's.
Lyric Poems and Ballads memorized.
Reading: Das deutsche Buch by van Daell and Schrakamp; Brandt's German Reader, or "Im Zwielicht," Dr. Wilh. Bernhardt.

II. Grammar, Joynes-Meissner's continued; Prose Composition.
Reading and Translation of stories by Storm, Auerbach, and others, which are made the subject of conversation.
One Modern Play.
Study of Idioms and Synonyms.

III. Fasnacht's German Composition.
Reading: Minna von Barnhelm; Emilia Galotti.
Life of Lessing.
Outlines of German Literature.

IV. Life of Schiller.
Reading: Wilhelm Tell; Die Jungfrau von Orleans; Wallenstein or Maria Stuart; Schiller's Ballads; Das Lied von der Glocke.
Composition.

V. Goethe's Life.
Reading: Hermann und Dorothea; Iphigenie; Faust; Selections from Aus meinem Leben; Götz von Berlichingen; Egmont, Torquato Tasso and Goethe's Lyric Poems.

VI. History of German Literature, with collateral reading.
Sight and private reading of contemporary authors. Scientific German.

MATHEMATICS.

The work required of all students in the Classical and Scientific Courses includes Higher Algebra, Solid and Spherical Geometry (Chauvenet), and Plane and Spherical Trigonometry (Wells). In Geometry original demonstration of propositions is required.

Analytic Geometry, required in the Scientific Course, elective in the Classical, extends through the first and second terms of the second year. In the third term a course in Theory of Equations is offered.

The text-books used are Wentworth's Analytic Geometry, Salmon's Conic Sections, and Burnside and Panton's Theory of Equations.

The electives of the Junior Year are Differential and Integral Calculus. In the first term of the Senior Year an extended course in the Calculus is given, also a course in Determinants. The electives of the remaining terms are Analytic Geometry of Three Dimensions, and Modern Analytic Geometry.

In the Literary Course Solid and Spherical Geometry is required. The electives follow the same order as in the Scientific Course.

SCIENCE.

CHEMISTRY.—The Fall Term of the Sophomore Year, in each course, is given to lectures upon the Non-Metallic Elements and their important compounds, together with laboratory practice, followed in the Winter Term of the Scientific Course by Qualitative Analysis.

The elective work in Qualitative and Quantitative Analysis is limited to the Winter and Spring Terms. A course of lectures is given upon the Metals and their compounds, in connection with the six hours per week of laboratory practice. In the Fall Term, those who have already elected two terms of Qualitative Analysis may begin the study of the Carbon Compounds.

A laboratory fee of two dollars is required from each student in Inorganic Chemistry, and a fee of five dollars for each term of six hours per week of laboratory work.

MINERALOGY.—A term's work in Chemistry must precede the study of Mineralogy. The course includes description with identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also preparation of rock-sections with the section cutter, and blowpipe determination. There is a well equipped cabinet which furnishes opportunity for the study of lithology.

GEOLOGY.—Attention is given to Dynamical, Structural, and Historical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States, prepared by Prof. Hitchcock of Dartmouth College. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

Dana's Text Book and Manual are used, with frequent reference to other authors, and excursions for purposes of study are made in the vicinity.

PHYSICS.—In the Scientific Course, beginning in the Fall Term of the Junior Year, the subjects are taken in the following order: Mechanics, Heat, Light, Magnetism, and Electricity. The first term of elective Physics is devoted to Sound and the second to further study of Electricity. Quantitative laboratory practice is a part of each term's work, the adjustment and use of apparatus being considered an important factor in scientific training. In addition to class-work, each student makes a special study of some assigned subject and prepares a paper embodying the results of her investigation. Illustrative experiments accompany the lectures and recitations.

The other courses run parallel with the Scientific, so far as Physics is required or elected, except that less time is given to Mechanics.

ASTRONOMY.—The required course presents the fundamental facts and principles of the science, including a knowledge of its history and of recent theories and discoveries. Opportunity is given for observing the moon, planets, sun-spots, solar prominences, double stars, star clusters, and nebulæ.

Young's General Astronomy is used as a text-book, and an important addition to other advantages provided for astronomical study is the biennial course of lectures by its author, Dr. C. A. Young of Princeton College.

The elective work includes spherical and practical astronomy, with the use of the instruments, special attention being given to the study of the meridian circle. Loomis's, Doolittle's, and Chauvenet's text-books are used.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

BOTANY.—The advantages which the College presents for botanical study are ample. The immediate region with its mountains, river, and sandy plains affords a rich and varied native flora to which the botanic garden, plant house, and herbarium add opportunities for the study of cultivated and foreign plants. The Laboratories have north light and are well equipped. The Kny Charts, the Auzoux Models with selections from those of Brendel, illustrate the more difficult orders and organs of both higher and lower forms. There are also in the cabinets collections of seeds, woods, and specimens illustrating the economic uses of plants. Each table has appliances for running water after Göttingen laboratory models and a locker containing dissecting and compound microscopes, mounting media, re-agents, and other needed implements sufficient for one student.

Gray's New Manual and Lessons, used as a text-book, is supplemented by Bennett and Murray's Handbook of Cryptogamic Botany; Lesquereux

and James's Manual of Mosses; Farlow's, Wolle's, and Cook's Algæ; Underwood and Cooke's Century of Fungi, and Rabenhorst's Kryptogamen. The biological library, adjoining the laboratories, contains 700 carefully selected works of reference and the more important periodicals; leading articles from the latter are discussed weekly in the biological club.

The Scientific Course provides for seven terms of botanical work, two of which are required. The other courses follow the same order of subjects as far as time allows.

Outline of work:—

Second Year: Lectures on General Morphology and Physiology; laboratory and field work; classification of Phænogams and higher Cryptogams; drawing of typical forms.

Third Year: Completion of list of one hundred and seventy-five plants analyzed, and herbarium of seventy-five specimens, including composite plants, grasses, sedges, ferns, mosses, and marine algæ; comparison of the life histories of these and of lower forms. Preparation of microscopic slides.

Fourth Year: Special courses are offered in advanced systematic work, in Histology, Physiology, and Embryology. Specific line determined mainly by individual ability and choice.

ZOÖLOGY.—This course extends through two years, the work of one term only being required. Zoölogy is wholly elective in the Literary Course.

Junior Year, Fall Term: The required work consists of an outline of the classification of the animal kingdom, and the dissection of typical forms of Vertebrates and Invertebrates. Considerable time is devoted to the study of the Earthworm, enabling the student to gain an elementary knowledge of Animal Morphology, Physiology, and Embryology.

The fundamental facts and principles of General Biology in their special application to animal life are brought out by lectures during the term. Drawings and diagrams of the objects studied are required.

In the laboratory, Colton's Practical Zoölogy, Brooks's Handbook of Invertebrates, Claus's Zoölogy, Packard's Zoölogy, Huxley and Martin's Practical Biology, and Foster's Physiology are much consulted. Wilder's Anatomical Technology, and Mivart's work on the Cat, are used in the study of vertebrates.

The elective work has been arranged to meet the needs of two classes of students:—

(*a*) Those desiring some knowledge of methods of teaching, and of practical work in the laboratory, and

(*b*) Those intending to study medicine.

Junior Year, Winter Term:—

I. (*a*) Comparative Zoölogy, a continuation of the work of the Fall Term.

(*b*) Comparative Anatomy; Dissection of the cat.

Spring Term:—

II. (*a*) Birds, determination of species, structure, habits, and songs.

(*b*) Histology, embryology of the chick.

Senior Year, Fall Term:—

III. (*a*) Entomology; Histology; Microscopical technique.

(*b*) Osteology; Mammalian Anatomy.

Winter Term:—

IV. (*a*) The Essentials of Comparative Physiology.

(*b*) Physiology; Lectures by physician, laboratory work with special reference to human physiology.

Spring Term:—

V. (*a*) Lectures on interesting biological questions; Theories of development; History of the science.

(*b*) Lectures on topics of biological interest, such as heredity, variation, animal metamorphosis. The works of Darwin, Wallace, and Weisman are recommended for reading this term.

As the importance of a practical knowledge of Biology, in preparation for a medical course, is now generally recognized, the attention of students who expect to study medicine is called to the facilities offered for a thorough course in the Botanical and Zoölogical laboratories. The equipment for work in these laboratories is excellent. There are thirty-six dissecting and twenty-five compound microscopes, twelve of which are Zeiss's, with his apochromatic objectives, two Thoma microtomes, and Hartnack's embryograph. An apartment adjoining the laboratories is furnished with aquaria, giving opportunity for study of living animals and aquatic plants.

The Biological Club meets weekly, furnishing opportunity for those doing advanced work to present papers on the subjects of investigation, and for the discussion of recent biological literature.

ANATOMY, PHYSIOLOGY, AND HYGIENE.—Instruction in this department is given by the resident physician.

All students attend weekly lectures during one year of their course. Structure is illustrated by models, charts, and by the dissection of lower animals. Lectures on sanitary science conclude the course.

RHETORIC AND LITERATURE.

RHETORIC.—Classical Course, *First Year:* Description, narration, exposition, with study of models and practice in writing. Versification, characteristics of epic, dramatic, and lyric poetry.

Second Year: Argument and persuasion. History and principles of criticism. Debates and essays.

Third Year: Poetics. Critical studies. Four essays.

Fourth Year: Literary criticism. Four essays.

Scientific Course, first, second, and fourth years as in classical.

Literary Course, same as Classical with an additional term in the third year.

Further work in Rhetoric may be elected throughout the Senior Year of each course.

ENGLISH LITERATURE.—Old and Middle English:—

Required work of second year: (1) Primer of Anglo Saxon, with lectures on the grammar. (2) Selections from Ælfric and Ælfred. (3) Selections from Cynewulf. (4) Late Middle, Chaucer. Reading in class of the Prologue and Knight's Tale. Assigned reading.

Elective work: (1) Selections from old English Poetry, "Judith," and other Epics. (2) The literature of the period of transition from Old English to Middle English, with attention to phonological changes from Old English to Middle English.

Modern English:—

Required work: (1) Lectures during first year on American Literature from the colonial time to the present. (2) During first year survey of English Literature from 1450 to 1850. This course aims to fix in the student's mind a comprehensive outline of the literature of those four centuries, to show the influences which have marked their creative periods, and to point the relation of the master-minds to succeeding periods. Some time is given to the shorter works of the greatest writers, with the object of establishing the habit of thoughtful reading. (3) The History of the English Drama, preparatory to the study of Shakespeare's plays. (4) A study of the English masters occupies two terms of the Junior Year. The first term is devoted to the study of the great prose works, from the fifteenth century to the present, in the order of production, the semi-romance, the literary essay, the polemical and the argumentative essay, the philosophical romance, and the novel. The work of the second term is a study of the poetical masterpieces, the minor epic, the great epic, the lyric poetry, and the sonnet. The number of works studied does not exceed ten for each term, and pupils present essays upon them. This work is designed to give a thorough knowledge of the masterpiece, to teach how to use books and how to study a great work as a whole, to strengthen the judgment, and to develop the power of self-reliant thinking.

Electives: (1) The rise of the Drama, instruction given by lectures and assigned readings. (2) Shakespeare's Plays; three of the Comedies, three of the Historical plays, and three of the Tragedies are selected. Each pupil prepares one essay for the term. This course is designed to discover to the pupil the rightful province of critical literature, the natural development of the plays, and the personality of the dramatist himself. (3) Victorian Literature. The work of this term includes a study of the period as a whole, and of those writers, both of prose and of poetry, who have been guides of thought or who have illustrated in their works the great movements of the

time. (4) American Literature. Critical study of one or more of the representative works of our leading authors. Essays and discussions upon the selected works studied in their entirety.

Electives (2) and (4) are open to students who have had the work in the English masters. All students electing either of these courses should confer with the instructor in the same at least three weeks before the term begins in which it is offered. Students are not expected to begin the study of Shakespeare in the winter term.

HISTORY.

ANCIENT HISTORY.—The time is divided between Grecian and Roman History. Theses and Student Lectures are required on such subjects as Grecian and Roman Colonization; Sappho; The Republic of Plato; Coinage of Greece and Rome (original coins are studied); Criticism of great historical stories; The Philosophy of Marcus Aurelius.

MEDIÆVAL AND MODERN HISTORY.—The aim of these courses is to give the student a knowledge of the development of civilization from the time of the Barbarian Invasions. Special study is therefore given to the history of social, political, and religious institutions. The students are provided with printed outlines and numerous references to the best authorities, and the work is done mainly in the library. Instruction is partly by lectures and partly by discussion of important topics. The student's knowledge and methods of study are tested by reports, theses, oral and written examinations.

Literary Course, *Second Year:* (Required) Early Mediæval History.

Elective: Mediæval Church History; Constitutional and Political History of the United States.

Third Year: (Required) Later Mediæval History, Renaissance; History of Europe from Renaissance to French Revolution; History of Europe since the French Revolution; Constitutional and Political History of United States.

Elective: Early Social and Political Institutions of France; study of government, society, and opinion in France, in seventeenth and eighteenth centuries; Constitutional History of England.

Fourth Year: Elective: Constitutional History of England; Constitutional and Political History of United States.

CIVICS AND POLITICAL ECONOMY.

CIVIL GOVERNMENT.—The aim of this course is to give a correct idea of our system of government by a study of the substance and history of the American Constitution, and a brief examination of state and local institutions.

Among text-books used are Cooley's Principles of Constitutional Law, Andrews's Manual of the Constitution, John Fiske's Civil Government in the United States.

POLITICAL ECONOMY.—*Senior Year*, Fall Term: The purpose of the work of this term is to gain a clear view of the fundamental principles of the

subject, a familiarity with its historical development and its application to the social problems of the day.

Among recent authors used are Walker, Clark, Ely, Marshall.

In the winter and spring terms opportunity for the study of special fields of economics and statistics is afforded.

PHILOSOPHY.

LOGIC.—Not only the forms of logical expression are studied, but also an attempt is made to discover how the modes of expression correspond with logical thought-processes. For the formal work, Jevons is the principal authority; for the real or advanced logic, Everett's Science of Thought and Harris's Theory of the Syllogism.

PSYCHOLOGY.—*Senior Year*, Fall Term: The principles of the various schools of psychologic thought are presented, but the greater part of the time is given to the study of psychology from the standpoint of introspection.

Among works used are those of Sully, McCosh, Baldwin, Ladd, Dewey, and James.

Winter Term: Schwegler's History of Philosophy is used as the basis for an outline course in the development of philosophic thought. The discussions of the text-book are supplemented by lectures, references to Ueberweg and other authorities, and a critical study of selections from the philosophical classics.

Spring Term: The course in Ethics includes a study of both theoretical and practical ethics. The works of Calderwood, Porter, Janet, Hickok, and others are consulted.

Opportunity is given for the study of the History of Ethics.

HISTORY OF ART.

This course includes the study of Pre-Christian Art, Early Christian Art, Gothic Architecture, Mediæval Sculpture, and Painting. Renaissance Period; Sienese, Tuscan, Umbrian, Paduan, and Venetian Schools, with those of Bologna, Rome, and Naples; Spanish, Flemish, and Dutch painters. An opportunity is offered for the study of the development of art in the XVIIIth century.

THEISM AND CHRISTIAN EVIDENCES.

These subjects occupy the latter part of the Senior Year. Leading topics are systematically pursued, and the views of various authors considered. The works most consulted are Samuel Harris's Self-Revelation of God, Flint's Theism and Anti-Theistic Theories.

THE BIBLE.

Time is given, in the first year, to the consideration of the canons of the Old and New Testaments.

The Old Testament study, extending through four years, includes the

Pentateuch; Joshua; the Judges; the Kingdom under David and Solomon; the history of the two Kingdoms until their dissolution; the Prophetical writings. The literature of each period is considered in connection with the history.

The new Testament study, occupying the last term of each of the four years, is given to the life of Christ in the Gospels; the Acts of the Apostles; the epistles to the Hebrews and the Romans.

There is a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

MUSIC.

The trustees, feeling that the study of music as an art and a science should be so prosecuted by students who are seeking rounded culture as to be worthy of high place among the means by which it may be secured, have decided to establish a department of music in the College. It is to be under the direction of Dr. Benjamin C. Blodgett of Northampton, and will furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not otherwise connected with the College, or as an elective study for students pursuing a college course. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants from outside must be at least sixteen years of age, and must have completed a course of study equivalent to that of a standard High school. They must also be prepared for examination in the grades of music-work, technical and interpretative, as represented by the following compositions:—

PIANO.—Czerny, Op. 299; Cramer's Exercises; Mendelssohn's Songs without Words; Haydn's and Mozart's Sonatas.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Simple Songs by Schubert and Franz.

VIOLIN.—C. N. Allen's Etude-Album.

After the Freshman year students of the College may elect any branch of music-study for which they are qualified.

No student is received for a shorter time than the College year.

Frequent recitals will be given by the teachers and pupils, and in the course of the year some public concerts, and lectures upon musical subjects, will be given, tickets for which will be furnished gratuitously to college students who elect music.

Expenses.—For all students, regular or special, one hour per week for year of thirty-six weeks:—

Organ, piano, or vocal lessons,	$50 00
Violin or violoncello,	50 00
Harmony or theory, in class,	15 00

Tuition must be paid in advance for the entire year, unless special arrangement is made to the contrary.

DRAWING.

First Year: Preparatory Antique Class; Cast drawing—plant forms, heads, parts of the human body.

Second Year: Antique Class; Cast drawing—heads, busts, full-lengths.

Third Year: Life Class; Heads from life, draped model.

Normal Class, course complete in one year: Form study—modeling in clay, outline drawing; ornamental design; perspective drawing; light and shade, charcoal drawing from casts of geometrical and plant forms.

Sketch Class; Outdoor sketching, model in costume.

Composition Class; Original compositions.

Lectures and Readings: Theory of art, historical subjects, decoration and artistic expression.

PAINTING.

Instruction is given in oils and water colors. The lessons include painting from flowers, fruit, and other forms of still-life, and landscape with outdoor sketching. The practical work will be supplemented by lectures upon perspective and composition, theory and philosophy of painting, and history of the different schools of painting.

Painting may be taken as an elective by any member of the College in Junior and Senior Years. Not less than six hours a week will be required, *three hours of practical work being considered an equivalent for one hour a week of recitation.*

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The teacher of physical culture has been thoroughly trained under Dr. Sargent of Harvard University and Mr. Nissen, director of the Swedish system in the Boston schools.

The gymnasium is fitted with iron and wooden dumbbells, rings, mattresses, a vaulting bar, and apparatus for special work. Each student is examined by the resident physician. Her heart and lungs are tested and information is solicited concerning her habits and general health. Careful measurements are taken in accordance with the system recommended by the American Association for the Advancement of Physical Education.

Practice in the gymnasium begins with the College year. Every precaution is taken to secure the best development and promote the health and strength of the students. The short *divided* skirt of flannel, and felt soled gymnasium shoes are worn during exercise.

SYNOPSIS OF COURSES OF STUDY.

CLASSICAL COURSE.

FRESHMAN YEAR.—FALL TERM.

Cicero de Senectute and de Amicitia, 4 hours. Higher Algebra, 3. Greek, 4. Rhetoric, 1. Lectures on American Literature, 1. ~~Drawing, 1.~~ Bible, 1.

WINTER TERM.

Livy, 4 hours. Geometry, 3. Greek, 3. Rhetoric, 1. Lectures on American Literature, 1. Bible, 1.

SPRING TERM.

Horace, 4 hours. Trigonometry, 4. Greek, 3. Rhetoric, 1. Lectures on Physiology, 1. Bible, 1.

SOPHOMORE YEAR.—FALL TERM.

Chemistry, 4 hours. Greek, 3. ~~Latin, 1.~~ Rhetoric, 1. ~~Lectures on Physiology,~~ 1. ~~Elocution, 1.~~ Bible, 1.

**Electives*, 3 hours. Analytic Geometry; French; German; Music.

WINTER TERM.

Grecian History, 2 hours. Tacitus, 3. Greek, 3. Rhetoric, 1. ~~Lectures on Physiology, 1.~~ Elocution, 1. Bible, 1.

Electives, 3 hours. Analytic Geometry; Qualitative Analysis; French; German; Music.

SPRING TERM.

~~Roman History~~, 2 hours. Botany, 2. ~~Logic~~, 2. Rhetoric, 1. Drawing, 1. Bible, 1.

Two *Electives*, each 2 hours. Theory of Equations; Chemistry; Latin; Greek; French; German; Constitutional and Political History of the United States; Music.

JUNIOR YEAR.—FALL TERM.

Zoölogy, 2 hours. English Literature, Survey 1450-1700, 2. Botany, 2. Mediæval History, 2. Rhetoric, 1. Bible, 1.

* In any term a class will be formed for six or more students electing the same work.

Two *Electives*, each 2 hours. Differential Calculus; Latin; Greek; French; German; Anglo Saxon; Logic; Chemistry; Botany; Zoölogy; Drawing or Painting; Music.

WINTER TERM.

English Literature, Survey 1700-1850, 2 hours. History, 3. Physics, 4. ~~Rhetoric, 1~~. Bible, 1.

Electives, 2 hours. Differential Calculus; Chemistry; Latin; Greek; French; German; Anglo Saxon; Botany; Zoölogy; Drawing or Painting; Music.

SPRING TERM.

Astronomy, 3 hours. History, 3. Lectures on Geology, 1. Bible, 1.

Two *Electives*, each 2 hours. Latin; Greek; French; German; English Masters, 4 hours; Integral Calculus; Chemistry; Physics; Botany; Zoölogy; Drawing or Painting; Music.

SENIOR YEAR.—FALL TERM.

~~Psychology, 4 hours~~. Political Economy, 4. Rhetoric, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Ancient Literature; Calculus; Determinants; Latin; Greek; French; German; Constitutional History of England; Shakespeare; Botany; Zoölogy; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting; Music.

WINTER TERM.

History of Art, 4 hours. ~~History of Philosophy, 3~~. Rhetoric, 1. Elocution, 1. Bible, 1.

Two *Electives*, each 2 hours. Political Economy; Analytic Geometry of Three Dimensions; Latin; Greek; French; German; Constitutional History of England; English Literature—Prose Masters, Victorian Period, Shakespeare continued; Botany; Zoölogy; Physiology; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting; Music.

SPRING TERM.

Ethics, 4 hours. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1.

Electives, 2 hours. History of Ethics; International Law; History of Art of the XVIIIth Century; Modern Analytic Geometry; Latin; Greek; French; German; Constitutional and Political History of the United States; English Literature, Chaucer; Botany; Zoölogy; Chemistry; Mineralogy; Geology; Physics; Astronomy; Rhetoric; Drawing or Painting; Music.

SCIENTIFIC COURSE.

FRESHMAN YEAR.—FALL TERM.

Higher Algebra, 3 hours. French, 4. German, 4. Rhetoric, 1. Drawing, 1. Bible, 1.

WINTER TERM.

Geometry, 4 hours. French, 4. German, 4. Rhetoric, 1. Bible, 1.

SPRING TERM.

Trigonometry, 4 hours. French, 4. German, 4. Rhetoric, 1. Lectures on Physiology, 1. ~~Drawing, 1.~~ Bible, 1.

SOPHOMORE YEAR.—FALL TERM.

Chemistry, 4 hours. Analytic Geometry, 3. French or German, 2. Rhetoric, 1. ~~Lectures~~ on Physiology, 1. ~~Elocution, 1.~~ Bible, 1.

Electives, 2 hours. Latin; German or French; Grecian History; Music.

WINTER TERM.

Qualitative Analysis, 3 hours. Analytic Geometry, 3. Mediæval and Modern History, 4. Rhetoric, 1, ~~Lectures on Physiology~~, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Latin; French; German; Botany; Roman History: Music.

SPRING TERM.

Logic, 2 hours. Botany, 4. French or German, 2. Rhetoric, 1. ~~Lectures on Physiology~~, 1. Drawing, 1. Bible, 1.

Electives, 2 hours. Theory of Equations; Latin; French or German; Chemistry; Constitutional and Political History of United States; Music.

JUNIOR YEAR.—FALL TERM.

Zoölogy, 2 hours. English Literature, Survey 1450-1700, 2. Botany, 2. Mechanics, 2. Bible, 1.

Two *Electives*, ~~each~~ 2 hours. Differential Calculus; Chemistry; Latin; French; German; Botany; Zoölogy; History; Logic; Drawing or Painting; Music.

WINTER TERM.

English Literature, Survey 1700-1850, 2 hours. ~~Mineralogy, 4.~~ Physics, 4. Bible, 1.

Two *Electives*, each 2 hours. Differential Calculus; Chemistry; Latin; French; German; Botany; Zoölogy; History; Drawing or Painting; Music.

SPRING TERM.

Astronomy, 4 hours. Geology, 3. Physics, 3. Bible, 1.
Electives, 2 hours. Integral Calculus; Chemistry; Latin; French German; Botany; Zoölogy; History; Drawing or Painting; Music.

SENIOR YEAR.

The same as Classical Course.

LITERARY COURSE.

FRESHMAN YEAR.—FALL TERM.

Livy, 4 hours. Grecian History, 2. *French or German, 4. Rhetoric, 1. American Literature, 1. Bible, 1.

WINTER TERM.

Roman History, 2 hours. English Literature, Survey 1450-1700, 2. Solid and Spherical Geometry, 4. French or German, 4. Rhetoric, 1. American Literature, 1. Bible, 1.

SPRING TERM.

Horace, 4 hours. English Literature, Survey 1700-1850, 2. French or German, 4. Rhetoric, 1. Lectures on Physiology, 1. ~~Drawing, 1.~~ Bible, 1.

SOPHOMORE YEAR.—FALL TERM.

French, 2 hours. German, 2. Chemistry, 4. Anglo Saxon, Primer and Selections, 4. Rhetoric, 1. ~~Physiology, 1.~~ ~~Elocution, 1.~~ Bible, 1.
Electives, 2 hours. ~~Higher Algebra; Latin; Greek; History; Music.~~

WINTER TERM.

French, 2 hours. German, 2. Early Mediæval History, 3. ~~Anglo Saxon, Prose, six weeks, Poetry, 6 weeks,~~ 2. Rhetoric, 1. ~~Physiology, 1.~~ Elocution, 1. Bible, 1.
Electives, 2 hours. Plane Trigonometry; Latin; Greek; Chemistry; Music.

SPRING TERM.

French, 2 hours. German, 2. Logic, 2. Late Middle English, Chaucer, 2. Botany, 2. Rhetoric, 1. Drawing, 1. Bible, 1.
Electives, 2 hours. Spherical Trigonometry; Latin; Greek; Chemistry; Anglo Saxon; History of Mediæval Church; Music.

*Language required is the one not offered at entrance.

JUNIOR YEAR.—FALL TERM.

French, 2 hours. German, 2. English Literature, The English Drama, 1. Later Mediæval History, Renaissance, 2. Botany, 2. Rhetoric, 1. Bible, 1.

Electives, 2 hours. Analytic Geometry; Latin; Greek; Early English, 1150-1300; History; Logic; Chemistry; Zoölogy; Drawing or Painting; Music.

WINTER TERM.

French or German, 2 hours. ~~English Masters, Prose, 4.~~ History of Europe from Renaissance to 1815, 2. Rhetoric, 1. Bible, 1.

Electives, 2 hours. Analytic Geometry; Latin; Greek; German or French; Chemistry; Mineralogy; Physics; Botany; Zoölogy; History; Drawing or Painting Music.

SPRING TERM.

English Literature: English Masters, Poetry, 4 hours. History, Europe since 1815, 2. Constitutional and Political History of United States, 2. Rhetoric, 1. Bible, 1.

Electives, 3 hours. Latin; Greek; French; German; Geology; Physics; Astronomy; History; Biology; Chemistry; Physiology; Drawing or Painting; Music.

SENIOR YEAR.—FALL TERM.

Psychology, 4 hours. Political Economy, 4. Rhetoric, 1. Elocution, 1. Bible, 1.

Electives, 2 hours. Ancient Literature; Differential Calculus; Latin; Greek; French; German; Constitutional History of England; English Literature, Shakespeare; Botany; Zoölogy; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing; Painting; Music.

WINTER TERM.

History of Art, 4 hours. History of Philosophy, 3. Rhetoric, 1. Bible, 1. Elocution, 1.

Two *Electives*, 2 hours each. Political Economy; Differential Calculus; Latin; Greek; French; German; Constitutional History of England; English Literature—Victorian Period, Shakespeare continued; Botany; Zoölogy; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing or Painting; Music.

SPRING TERM.

Ethics, 4 hours. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1.

Electives, 2 hours. History of Ethics; Integral Law; History of Art of the XVIIIth Century; Integral Calculus; Latin; Greek; French; German; Constitutional and Political History of the United States; English Literature, American Seminary; Botany; Zoölogy, History of the Science; Mineralogy; Geology; Chemistry; Physics; Astronomy; Rhetoric; Drawing or Painting; Music.

SEMINARY COURSE.

FIRST YEAR.—FALL TERM.

Virgil, 4 hours. Algebra, 4. Grecian History, 2. Rhetoric, 1. Bible, 1. American Literature, 1.

WINTER TERM.

Virgil, 4 hours. Geometry, 4. Roman History, 2. Rhetoric, 1. Bible, 1. American Literature, 1.

SPRING TERM.

Cicero de Senectute and de Amicitia, 4 hours. Trigonometry, 4. Rhetoric, 1. Lectures on Physiology, 1. Drawing, 2. Bible, 1.

SECOND YEAR.—FALL TERM.

Livy, 4 hours. Chemistry, 4. French or German, 4. Rhetoric, 1. Physiology, 1. Elocution, 1. Bible, 1.

WINTER TERM.

French or German, 4 hours. Mediæval and Modern History, 4. Civil Government, 2. Botany, 2. Rhetoric, 1. Physiology, 1. Elocution, 1. Bible, 1.

SPRING TERM.

Zoölogy, 2 hours. Logic, 2. Botany, 2. French or German, 4. Physiology, 1. Rhetoric, 1. Drawing, 1. Bible, 1.

THIRD YEAR.—FALL TERM.

Horace, 4 hours. Mineralogy, 2. Botany, 2. English Literature, Survey 1450-1700, 2. Bible, 1.

Electives, 2 hours. Analytic Geometry; Chemistry; French; German; Greek; Logic; Botany; Zoölogy; History; Drawing; Painting Music.

WINTER TERM.

Physics, 4 hours. English Literature, Survey 1700-1850, 2. Rhetoric, 1. Bible, 1.

Two *Electives*, each 2 hours. Analytic Geometry; Greek; Chemistry; Latin; French; German; Botany; Zoölogy; History; Drawing or Painting; Music.

SPRING TERM.

Physics, 3 hours. Astronomy, 3. Geology, 3. Rhetoric, 1. Bible, 1.

Electives, 2 hours. Higher Algebra; Chemistry; Greek; Latin; French; German; Botany; Zoölogy; History; Drawing or Painting; Music.

FOURTH YEAR.

The same as Classical Course.

SPECIAL STUDENTS.

Teachers over twenty-one years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for special work may be accommodated in the building as far as possible. If not thus provided for, board may be obtained in private families at an expense varying from $4 to $6 per week.

DEGREES.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive the degree of Bachelor of Science.

Those who complete the Literary Course receive the degree of Bachelor of Literature.

The Seminary diploma is conferred, as in former years, on those who complete the Seminary Course.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis-courts. The botanic garden with its artificial lily-pond, a grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook are in the rear of the building. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the foot-path and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

LIBRARY AND READING-ROOM.—The library is a tasteful fire-proof building, connected by a corridor with the main edifice. It was enlarged in 1887 by adding a second apartment, furnished with compactly-arranged cases, which give room for twenty-five thousand additional volumes within easy reach. The pleasant and well-filled alcoves of the main room are the resort of large numbers of students, throughout the day and evening. They have direct access to the shelves, aided by a card-catalogue, a classified index, and other helps. There are department-libraries in connection with the laboratories and class-rooms in Williston Hall. The whole number of volumes at present is fourteen thousand, chosen with careful adaptation to the courses of study, and forming an excellent reference library.

The reading-room and library are liberally supplied with the leading papers and periodicals, both American and foreign.

WILLISTON HALL.—The Lyman Williston Hall contains large and well appointed rooms for lectures and recitations in the natural sciences, extensive cabinets, laboratories for practical work, and valuable apparatus.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacents rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leo-

nardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by George Inness; "Coast of Norway," by Robert Kluth, a recent gift from Hon. E. A. Goodnow; and pictures by other well-known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and a set of carbon photographs from Rembrandt's most noted works. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

A recent addition to Williston Hall furnishes ample accommodations for the department of Biology. It contains two laboratories for Zoölogy and one for Physiology, with a reference library adjoining; also several rooms for recitations in other departments. On the lower floor is an apartment designed for aquaria, which proves an important adjunct to the biological laboratories, affording opportunity for the observation of living animals, and study of aquatic plants.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.—An astronomical observatory was completed in June, 1881. It contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building, with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, JOHN PAYSON WILLISTON.

EXPENSES.

Board and tuition, including steam-heating, lights, and lectures, are $200 for the year; $100 to be paid the first Monday of the Fall Term, and $100 the first Monday of the second term. The price of tuition alone for teachers in the Special Course who board in town is $75 for the year; $38 to be paid the first Monday of the Fall Term, and $37 the first Monday of the second term. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than seven dollars per week for the time spent at the Institution. No deduction will be made for absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These

should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith, of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship of $1,000, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary A. Stevens Scholarship of $5,000, established in 1889, by Mary A. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

Also the Worcester Alumnæ Scholarship of $200, maintained by annual gift.

FAMILY ARRANGEMENTS.

All the teachers and students share the familiar intercourse of a well-ordered Christian home. The daily hour given by every student to domestic

work, under systematic planning and skillful supervision, secures the comfort of the large household.

As it is important that the regular study hours should be uninterrupted, calls and visits from friends of the students should be limited to the weekly recreation time, which includes Tuesday evening and Wednesday,—not Wednesday evening. Calls are not received on the Sabbath.

Attendance at the Sabbath morning service is required.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge.

NOTICE TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets and pillow-cases, and one pair of blankets; also two teaspoons. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

It is especially desirable to bring an English dictionary, a Latin lexicon, an ancient and a modern atlas. Books of reference for Bible study will be useful, including a Bible dictionary.

Books and stationery can be purchased at the Institution on reasonable terms.

Mount Holyoke Seminary and College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet *accommodation* trains except during the winter. At Holyoke, stages meet *express* trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in the large cities and towns east and west.

The Institution is connected with Holyoke and other cities by telegraph and telephone.

STUDENTS.

CLASSICAL COURSE.

SENIOR CLASS.

MABEL B. HALL,	Mexico, N. Y.
ADDIE IMOGENE LOCKE,	Philippopolis, Bulgaria.

JUNIOR CLASS.

EMILY KELLOGG BEACH,	New Haven, Conn.
CAROLINE A. G. BULL,	Woodstock, N. B.
ELIZABETH H. BUNNELL,	Tunkhannock, Pa.
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Louise Dickinson,	Amherst.
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JENNIE M. COMSTOCK,	Ballston Spa, N. Y.
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Alice P. Stevens,	Newburyport.
Charlotte Lucy Tenney,	Morrisville, Vt.
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Jennie E. Whitaker,	West Springfield.

SUMMARY.

CLASSICAL COURSE,	53
SCIENTIFIC COURSE,	32
LITERARY COURSE,	60
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TOTAL,	289

CLASSIFICATION BY RESIDENCE.

The United States:	
Connecticut,	34
District of Columbia,	2
Florida,	1
Georgia,	1
Illinois,	20
Iowa,	2
Kansas,	3
Maine,	17
Massachusetts,	79
Minnesota,	1
New Hampshire,	11
New Jersey,	13
New Mexico,	1
New York,	41
North Carolina,	4
North Dakota,	1
Ohio,	7
Pennsylvania,	18
Rhode Island,	1
Utah Territory,	1
Vermont,	14
Wisconsin,	6
Other Countries:	
Bulgaria,	2
Hawaiian Islands,	1
India,	1
Japan,	2
Macedonia,	1
New Brunswick,	1
Sweden,	1
Turkey,	2
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DEGREES CONFERRED IN 1891.

MASTER OF ARTS.

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BACHELOR OF SCIENCE.

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*ELLEN PRISCILLA BOWERS,
English Literature.

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Ancient History and Rhetoric.

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HELEN C. FLINT, A.B.,
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*Absent for the year.

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President: MRS. MARY FOSTER NICHOLS.

Association of Boston and Vicinity.
President: MISS SARAH P. EASTMAN.

Association of Worcester and Vicinity.
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Association of New York, Brooklyn, and Vicinity.
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Hartford Association.
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President: MRS. CORA WELCH VAN MILLINGEN.

HISTORY OF MOUNT HOLYOKE SEMINARY, AND CATALOGUES.

The History of Mount Holyoke Seminary, published in 1887, gives an account of the origin and growth of the Seminary during its first half century, and is illustrated with heliotypes and steel engravings. It is sold at the uniform price of $2.00, or $2.25 if sent by mail or express prepaid.

A General Catalogue of the officers and students of the Seminary from 1837 to 1889 has been published. It includes the names of all who have been members of the school, with the school address, the present or last reported address, the names of husbands, date of marriage, and in the case of students the place and date of death, so far as known. Price, by mail, 75 cents.

Orders for either of these books may be addressed, Mount Holyoke Seminary and College, South Hadley, Mass.

A copy of the Annual will be sent to any Mount Holyoke student who will forward her address early in the year.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke Seminary and College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL, MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

ANNUAL

OF

MOUNT HOLYOKE COLLEGE

IN

SOUTH HADLEY, MASS.

1892-1893.

PUBLISHED BY
THE COLLEGE.

MOUNT HOLYOKE SEMINARY,

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

FIRST CLASS GRADUATED

AUGUST 23, 1838.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

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CALENDAR.

Spring Vacation,	March 30 to April 11, 1893.
Baccalaureate Sermon,	Sunday, June 18, 1893.
Meeting of the National Association of Mount Holyoke Alumnæ,	Wednesday, P. M., June 21, 1893.
Commencement Exercises,	Thursday, 11 A. M., June 22, 1893.
Entrance Examinations,	June 6–9, and September 12–15, 1893.

Fall Term begins	Thursday, September 14, 1893.
Founder's Day,	Wednesday, November 8, 1893.
Thanksgiving Recess,	Wednesday noon to Friday noon.
Class Work of Second Term begins	Monday, December 11, 1893.
Winter Vacation begins	Wednesday, December 20, 1893.
Winter Vacation ends	Wednesday, January 3, 1894.
Day of Prayer for Colleges,	Thursday, January 25, 1894.
Holiday, Washington's Birthday,	Thursday, February 22, 1894.
Class Work of Third Term begins	Monday, March 19, 1894.
Spring Vacation begins	Thursday, March 29, 1894.
Spring Vacation ends	Tuesday, April 10, 1894.

ENTRANCE EXAMINATIONS IN WILLISTON HALL, JUNE 6–9, AND SEPTEMBER 12–15, 1893.

Tuesday, 1.30 P. M., History of United States.
" 3 P. M., English and Rhetoric.
" 7 P. M., Botany.
" 7 P. M., English History.
Wednesday, 8.30 A. M., Algebra.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 7 P. M., Ancient History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Virgil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.
Examination in Music on Wednesday and Thursday.

All students should register in the North Business Room immediately on arrival.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

Examination in the following subjects:—

MATHEMATICS.—University Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent; Cæsar, Gallic War, four books; Cicero, Seven Orations; Virgil's Æneid, six books. The *Roman pronunciation* is used.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, three books; Homer's Iliad, three books.

HISTORY of the United States.

ANCIENT HISTORY.—Myer's History of the Eastern Nations and Greece to the death of Alexander, and Allen's History of the Roman People to the death of Marcus Aurelius, or equivalents.

ENGLISH AND RHETORIC.—Diction, sentences and paragraphs; Letter writing; Abstracts; Paraphrases; Construction of Plans. Genung's Practical Elements of Rhetoric, pp. 1-324, or an equivalent, and Trench on the Study of Words.

In 1893, subjects for writing will be given from Shakespeare's Julius Cæsar and Twelfth Night, Scott's Marmion, Longfellow's Courtship of Miles Standish, the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Ivanhoe, Dickens's David Copperfield.

In 1894, Shakespeare's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, Arnold's Sohrab and Rustrum. the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Abbot, Dickens's David Copperfield.

In 1895, Shakespeare's Merchant of Venice and Twelfth Night. Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverley Papers in The Spectator, Macaulay's Essays on Milton and Addison, Webster's First Bunker Hill Oration, Irving's Sketch Book, Scott's Abbot.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

ELEMENTARY BOTANY.—Gray's How Plants Grow, or an equivalent; Plant Determination.

FRENCH OR GERMAN.—

FRENCH.—Petite Grammaire, Sauveur; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bôcher's College Plays; Two books of Modern Prose Writers; Esther, Racine; Le Cid, Corneille.

GERMAN.—Wenckebach's or Joynes-Meissner's Grammar; Stein's Composition; Deutscher Anschauungs-Unterricht, Wenckebach, Parts I. and II. studied as illustrated in the preface; Das deutsche Buch, van Daell and Schrakamp; Brandt's German Reader, or Im Zwielicht, by Dr. W. Bernhardt; Immensee, by Storm; Die Journalisten, by Gustav Freytag. German Script.

Equivalents will be accepted, but reading of Goethe's, Schiller's or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following additions:—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required.

Entrance examinations take place at the College, June 6, 7, and 8, or September 12, 13, and 14, 1893.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, Garden City, L. I., Bangor, Me., and Boston. Any candidate desiring to take these examinations should communicate with the President before May, 1893. A fee will be charged for examinations given outside the college.

Students are not admitted on certificate except from colleges of equal grade.

No students are received for less time than one year.

Communications relating to admission may be addressed to the President. None are admitted under sixteen years of age.

COURSES OF STUDY AND METHODS OF INSTRUCTION.

ANCIENT CLASSICS.

LATIN.—*First Year*, Fall Term: Cicero's De Senectute and De Amicitia. Winter Term: Livy, Books XXI. and XXII. Spring Term: Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica.

Second Year, Fall Term (Elective): Pliny's Letters. Winter Term: Tacitus, Germania and Agricola.

Elective during remainder of the Course.

Third Year, Plautus, Terence, Juvenal, Cicero de Natura Deorum.

Fourth Year: Cicero de Immortalitate, Quintilian. Selections from minor poets, Catullus, Tibullus, and Propertius.

Latin is required during two terms of the Literary Course. *First Year*, Fall Term: Livy. Spring Term: Horace.

Prose Composition, sight translation, and finished written translations are required throughout the course.

Special attention is given to Syntax and Etymology in the work of the first term. Subsequently more time is devoted to the subject matter of the text, the style and spirit of the authors, and their relation to the history of their time.

GREEK.—In the study of Greek, the aim is to secure familiarity with Greek words and grammatical constructions, an acquaintance with Greek literature and its history, and with the relation of the Greek language to English.

First Year, Fall Term: Herodotus. Winter Term: Odyssey. Spring Term: Thucydides. The work during this year is supplemented by exercises in prose composition.

Second Year, Fall Term: Plato's Apology and Crito. Winter Term: Demosthenes on the Crown.

Elective.—Second Year, Spring Term: Drama. *a.* Rise and Development of the Drama. *b.* Reading of one Drama.

Third Year, Fall Term: Selected Dramas. Winter Term: Selected Dramas or Greek Testament. Spring Term: Study of Life and Monuments of Ancient Greece.

Fourth Year, Fall Term: Selections from Plato. Winter Term: Selections from Lyric Poetry. Spring Term: Selections from Attic Orators.

Those who wish to make a specialty of Greek may find opportunity in the elective work throughout the course.

Mount Holyoke College now contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this college are entitled to all its advantages without expense for tuition.

ANCIENT AND MEDIÆVAL LITERATURE.—The aim of this course is to give a comprehensive historical outline of both Oriental and Classical literature, with a critical analysis of a few of the masterpieces, as presented in the best English version. The study of Indian and other Oriental literature is followed by that of Greece (with the aid of the works of Mure, Müller, Gladstone, and others). The Homeric poems, especially the Iliad, are carefully studied in the light of the best literary criticism, and the latest archæological discoveries. The Greek drama, together with the arrangement of its theater, is considered; and the most celebrated plays are read and discussed by the class. The plan includes similar studies of Roman literature, and of mediæval Italian, German, and Norse writings.

MODERN LANGUAGE.

The language studied is the medium of instruction. The aim in the arrangement of the courses is to secure a practical and a theoretical knowledge of French and German; attention is given to correct writing, the study of idioms and synonyms, translation from English, original composition in each language, and to the history of the literature.

In the instruction given the purpose is to awaken a spirit of sympathy with the thought and culture which the language represents in its masterpieces.

FRENCH.

I. Grammaire et Exercices; Idiotismes.
Selections from Balzac, George Sand, Chardenal, Bué.
Histoire de la Littérature française depuis ses origines jusqu'au XVIème siècle.

II. Histoire de la Littérature française du XVIIème siècle.
Corneille.
Guizot: Corneille et son temps.
Modern Prose.

III. Racine.
Selections from Descartes, Pascal.
Port Royal.
Modern Poets.
La Bruyère, La Rochefoucault, Bossuet, Fénelon, Massillon, Boileau.

IV. Sainte-Beuve: Portraits de Femmes.
Mme. de Sévigné, Mme. de la Fayette.
Molière.
Histoire de la Littérature française du XVIIIème siècle.

V. Sainte-Beuve, J. Lemaître.
Histoire de la Littérature française du XIXème siècle.
Ecole romantique: Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.

VI. Comédies du XIXème siècle.
Critical study of Béranger, Musset, Gautier, Coppée, de Vigny, le Conte de Lyle.
Reading of Old French.
Scientific French.

Translations, essays, memorizing prose and poetry, readings and lectures throughout the course.

GERMAN.

I. Conversation, based on Wenckebach's Anschauungs-Unterricht; Exercises in Writing.
Grammar, Joynes-Meissner's.
Lyric Poems and Ballads memorized.
Reading: Das deutsche Buch by van Daell and Schrakamp; Brandt's German Reader, or Im Zwielicht, Dr. Wilh. Bernhardt.

II. Grammar, Joynes-Meissner's continued; Prose Composition.
Reading and Translation of stories by Storm, Auerbach, and others, which are made the subject of conversation.
One Modern Play.
Study of Idioms and Synonyms.

III. Fasnacht's German Composition.
Reading: Minna von Barnhelm; Emilia Galotti.
Life of Lessing.
Outlines of German Literature.

IV. Life of Schiller.
Reading: Wilhelm Tell; Die Jungfrau von Orleans; Wallenstein or Maria Stuart; Schiller's Ballads; Das Lied von der Glocke.
Composition.

V. Goethe's Life.
Reading: Hermann und Dorothea; Iphigenie; Faust; Selections from Aus meinem Leben; Götz von Berlichingen; Egmont, Torquato Tasso and Goethe's Lyric Poems.

VI. History of German Literature, with collateral reading.
Sight and private reading of contemporary authors.
Scientific German.

MATHEMATICS.

First Year: Higher Algebra; Solid and Spherical Geometry (Chauvenet); Plane and Spherical Trigonometry (Wells).

Second Year: Analytic Geometry (Wentworth); Theory of Equations (Burnside and Panton).

Third Year: Differential Calculus; Integral Calculus.

Fourth Year: Analytic Mechanics; Analytic Geometry of Three Dimensions; Modern Analytic Geometry.

SCIENCE.

CHEMISTRY.—The Fall Term of the Sophomore Year, in each course, is given to lectures upon the Non-Metallic Elements and their important compounds, together with laboratory practice, followed in the Winter Term of the Scientific Course by Qualitative Analysis.

The elective work in Qualitative and Quantitative Analysis is limited to the Winter and Spring Terms. A course of lectures is given upon the Metals and their compounds, in connection with the six hours per week of laboratory practice. In the Fall Term, those who have already elected two terms of Qualitative Analysis may begin the study of the Carbon Compounds.

A laboratory fee of two dollars is required from each student in Inorganic Chemistry, and a fee of five dollars for each term of six hours per week of laboratory work.

MINERALOGY.—A term's work in Chemistry must precede the study of Mineralogy. The course includes description with identification and classification of specimens. Optional work in this department includes further study of crystallography and petrography, with use of microscope and polarizer, and of glass models illustrating the systems of crystallization; also preparation of rock-sections with the section cutter, and blowpipe determination. There is a well equipped cabinet which furnishes opportunity for the study of lithology.

GEOLOGY.—Attention is given to Dynamical, Structural, and Historical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States, prepared by Prof. Hitchcock of Dartmouth College. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

Dana's Text Book and Manual are used, with frequent reference to other authors, and excursions for purposes of study are made in the vicinity.

PHYSICS.—In the Scientific Course, beginning in the Fall Term of the

Junior Year, the subjects are taken in the following order: Mechanics, Heat, Light, Magnetism, and Electricity. The first term of elective Physics is devoted to Sound and the second to further study of Electricity. Quantitative laboratory practice is a part of each term's work. Illustrative experiments accompany the lectures and recitations.

The other courses run parallel with the Scientific, so far as Physics is required or elected, except that less time is given to Mechanics.

ASTRONOMY.—The required course presents the fundamental facts and principles of the science, including a knowledge of its history and of recent theories and discoveries. Opportunity is given for observing the moon, planets, sun-spots, solar prominences, double stars, star clusters, and nebulæ. Young's General Astronomy is used as a text-book, with the advantage of a biennial course of lectures by its author, Dr. C. A. Young of Princeton College. The elective work includes spherical and practical astronomy, with the use of the instruments, special attention being given to the study of the meridian circle. Campbell's, Doolittle's, and Chauvenet's text-books are used.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

BOTANY.—The advantages which the College presents for botanical study are ample. The immediate region with its mountains, river, and sandy plains affords a rich and varied native flora to which the botanic garden, plant house, and herbarium add opportunities for the study of cultivated and foreign plants. The Laboratories have north light and are well equipped. The Kny Charts, the Auzoux Models with selections from those of Brendel, illustrate the more difficult orders and organs of both higher and lower forms. There are also in the cabinets collections of seeds, woods, and specimens illustrating the economic uses of plants. Each table has appliances for running water after the Göttingen laboratory models and a locker containing dissecting and compound microscopes, mounting media, re-agents, and other needed implements sufficient for one student.

Gray's New Manual and Lessons, used as a text-book, is supplemented by Bennett and Murray's Handbook of Cryptogamic Botany; Lesquereux and James's Manual of Mosses; Farlow's, Wolle's, and Cook's Algæ; Underwood and Cooke's Century of Fungi, and Rabenhorst's Kryptogamen. The biological library, adjoining the laboratories, contains 700 carefully selected works of reference and the more important periodicals; leading articles from the latter are discussed weekly in the biological club.

The Scientific Course provides for seven terms of botanical work, two

of which are required. The Classical and Literary courses afford less time for botany but follow the same order of subjects.

Outline of work :—

Second Year: Lectures on General Morphology and Physiology; laboratory and field work; classification of Phænogams and higher Cryptogams; drawing of typical forms.

Third Year: Completion of list of one hundred and seventy-five plants analyzed, and herbarium of seventy-five specimens, including composite plants, grasses, sedges, ferns, mosses, and marine algæ; comparison of the life histories of these and of lower forms. Preparation of microscopic slides.

Fourth Year: Special advanced courses are offered in Histology, Physiology, and Embryology. The specific line of work is determined mainly by individual ability and choice.

ZOÖLOGY.—This course extends through two years, the work of one term only being required. Zoölogy is wholly elective in the Literary Course.

Junior Year, Fall Term: The required work consists of an outline of the classification of the animal kingdom, and the dissection of typical forms of Vertebrates and Invertebrates. Considerable time is devoted to the study of the Earthworm, enabling the student to gain an elementary knowledge of Animal Morphology, Physiology, and Embryology.

The fundamental facts and principles of General Biology in their special application to animal life are brought out by lectures during the term. Drawings and diagrams of the objects studied are required.

In the laboratory, Colton's Practical Zoölogy, Brooks's Handbook of Invertebrates, Claus's Zoölogy, Packard's Zoölogy, Huxley and Martin's Practical Biology, and Foster's Physiology are much consulted. Wilder's Anatomical Technology, and Mivart's work on the Cat, are used in the study of vertebrates.

The elective work has been arranged to meet the needs of two classes of students :—

(*a*) Those desiring some knowledge of methods of teaching, and of practical work in the laboratory, and
(*b*) Those intending to study medicine.

Junior Year, Winter Term :—

I. (*a*) Comparative Zoölogy, a continuation of the work of the Fall Term.
(*b*) Comparative Anatomy; Dissection of the cat.

Spring Term :—

II. (*a*) Birds, determination of species, structure, habits, and songs.
(*b*) Histology, embryology of the chick.

Senior Year, Fall Term :—

III. (*a*) Entomology; Histology; Microscopical technique.
(*b*) Osteology; Mammalian Anatomy.

Winter Term :—

IV. (*a*) The Essentials of Comparative Physiology.
(*b*) Physiology; Lectures by physician, laboratory work with special reference to human physiology.

Spring Term :—

V. (*a*) Lectures on interesting biological questions; Theories of development; History of the science.
(*b*) Lectures on topics of biological interest, such as heredity, variation, animal metamorphosis. The works of Darwin, Wallace, and Weismann are recommended for reading this term.

As the importance of a practical knowledge of Biology, in preparation for a medical course, is now generally recognized, the attention of students who expect to study medicine is called to the facilities offered for a thorough course in the Botanical and Zoölogical laboratories. The equipment for work in these laboratories is excellent. There are thirty-six dissecting and twenty-five compound microscopes, twelve of which are Zeiss's, with his apochromatic objectives, two Thoma microtomes, and Hartnack's embryograph.

The Biological Club meets weekly, furnishing opportunity for those doing advanced work to present papers on the subjects of investigation, and for the discussion of recent biological literature.

Mount Holyoke College subscribes for a *private room* at the Marine Biological Laboratory, Wood's Holl, Mass.

ANATOMY, PHYSIOLOGY, AND HYGIENE.—Instruction in this department is given by the resident physician.

All students attend weekly lectures during one year of their course. Structure is illustrated by models, charts, and by the dissection of lower animals. Lectures on sanitary science conclude the course.

RHETORIC AND LITERATURE.

RHETORIC.—Classical Course, *First Year:* Study of literary models with reference to diction, figures, sentences, paragraphs; description and narration, with study of models and practice in writing.

Second Year: Versification; exposition, argument, and persuasion. Four debates and essays.

Third Year, First and Second Terms: The novel and essay; Style. Two essays. Third term: Elective.

Fourth Year: Literary criticism. Four essays.

Scientific Course, first, second, and fourth years as in Classical.

Literary Course, same as Classical, with the addition of

Third Year, Third Term: Poetics. One essay.

ENGLISH LITERATURE.—Old and Middle English :—

Required work of second year: (1) Primer of Anglo Saxon, with Old English phonology. (2) Selections from Ælfric and Ælfred. (3) Selections from Cynewulf. (4) Late Middle, Chaucer. Reading in class of the Prologue and Knight's Tale. Assigned reading.

Elective work: (1) Selections from old English Poetry, Judith and other Epics, with lectures on the development of the language. (2) The literature of the period of transition from Old English to Middle English, with attention to phonological changes from Old English to Middle English.

Modern English :—

Required work: (1) Lectures during first year on American Literature from the colonial time to the present. (2) During first year survey of English Literature from 1450 to 1850. This course aims to fix in the student's mind a comprehensive outline of the literature of those four centuries, to show the influences which have marked their creative periods, and to point the relation of the master-minds to succeeding periods. Some time is given to the shorter works of the greatest writers, with the object of establishing the habit of thoughtful reading. (3) The History of the English Drama. preparatory to the study of Shakespeare's plays. (4) A study of the English masters occupies two terms of the Junior Year. The first term is devoted to the study of the great prose works, from the fifteenth century to the present, in the order of production, the semi-romance, the literary essay, the polemical and the argumentative essay, the philosophical romance, and the novel. The work of the second term is a study of the poetical masterpieces, the minor epic, the great epic, the lyric poetry, and the sonnet. The number of works studied does not exceed ten for each term, and pupils present essays upon them. This work is designed to give a thorough knowledge of the masterpiece, to teach how to use books and how to study a great work as a whole, to strengthen the judgment, and to develop the power of self-reliant thinking.

Electives: (1) Shakespeare's Plays, with Freytag's Technic of the Drama. Three of the Comedies, three of the Historical plays, and three of the Tragedies are selected. Each pupil prepares one essay for the term. This course is designed to discover to the pupil the rightful province of critical literature, the natural development of the plays, and the personality of the dramatist himself. (2) Victorian Literature. The work of this term includes a study of the period as a whole, and of those writers, both of prose and of poetry, who have been guides of thought or who have illustrated in their works the great movements of the time. (3) American Literature. Critical study of one or more of the representative works of our leading authors. Essays and discussions upon the selected works studied in their entirety.

Electives (1) (2) and (3) are open to students who have had the work in the English masters. All students electing either of these courses should confer with the instructor in the same at least three weeks before the term begins in which it is offered.

HISTORY.

ANCIENT HISTORY.—The time is divided between Grecian and Roman History. Theses and Student Lectures are required on such subjects as Sappho; The Republic of Plato; Coinage of Greece and Rome (original coins are studied); Criticism of great historical stories; The Philosophy of Marcus Aurelius.

MEDIÆVAL AND MODERN HISTORY.—The aim of these courses is to give the student a knowledge of the development of civilization from the time of the Barbarian Invasions. Special study is therefore given to the history of social, political, and religious institutions. The students are provided with printed outlines and numerous references to the best authorities, and the work is done mainly in the library. Instruction is partly by lectures and partly by discussion of important topics. The student's knowledge and methods of study are tested by reports, theses, oral and written examinations.

Literary Course, *Second Year:* Early Mediæval History.

Elective: Mediæval Church History.

Third Year: Later Mediæval History, Renaissance; History of Europe from Renaissance to French Revolution; History of Europe since the French Revolution; Constitutional and Political History of the United States.

Elective: Social and Political Institutions of France; Constitutional History of England.

Fourth Year, Elective: Constitutional History of England; Constitutional and Political History of United States.

POLITICAL ECONOMY.

Senior Year, Fall Term: The purpose of the work of this term is to gain a clear view of the fundamental principles of the subject, a familiarity with its historical development and its application to the social problems of the day.

Among recent authors used are Walker, Clark, Ely, Marshall.

In the winter and spring terms opportunity for the study of special fields of economics and statistics is afforded.

PHILOSOPHY.

LOGIC.—The forms of logical expression are studied, also the modes of expression corresponding with logical thought-processes. For the formal work, Jevons is the principal authority; for the advanced logic, Everett's Science of Thought and Harris's Theory of the Syllogism.

PSYCHOLOGY.—*Senior Year*, Fall Term: The principles of the various schools of psychologic thought are presented, but the greater part of the time is given to the study of psychology from the standpoint of introspection.

Among works used are those of Sully, McCosh, Baldwin, Ladd, Dewey, and James.

Winter Term: Schwegler's History of Philosophy is used as the basis for an outline course in the development of philosophic thought. The discussions of the text-book are supplemented by lectures, references to Ueberweg and other authorities, and a critical study of selections from the philosophical classics.

Spring Term: The course in Ethics includes a study of both theoretical and practical ethics. The works of Calderwood, Porter, Janet, Hickok, and others are consulted.

Opportunity is given for the study of the History of Ethics.

HISTORY OF ART.

The study is pursued according to philosophical methods and as outlined by Wincklemann and Lübke, the topics further elaborated in daily lectures and by many references to the valuable works of the Art Library.

The course includes a review of Egyptian, Assyrian, Greek, and Roman Art and the Art of the Christian centuries through the period of the Renaissance in Italy. An opportunity is offered for the study of the later schools of sculpture and painting.

The illustrations for the History of Art consists of maps, plans, engravings, and more than three thousand photographs selected for the purpose in Cairo, Athens, and the East and in the various Art centres of Europe. The Art Gallery of the College furnishes helpful examples in casts of antique sculpture, copies from the Old Masters, and original paintings by contemporary artists.

THEISM AND CHRISTIAN EVIDENCES.

These subjects occupy the latter part of the Senior Year. Leading topics are systematically pursued, and the views of various authors considered. The works consulted are Samuel Harris's Self-Revelation of God, Flint's Theism, Fisher's Beginnings of Christianity, Ladd's Doctrine of Holy Scripture, Storrs's Divine Origin of Christianity, and Mead's Supernatural Revelation.

THE BIBLE.

The Old Testament study, extending through four years, includes the Pentateuch; Joshua; the Judges; the Kingdom under David and Solomon; the history of the two Kingdoms until their dissolution; the Prophetical writings. The literature of each period is considered in connection with the history.

The New Testament study is given to the life of Christ in the Gospels; the Acts of the Apostles; the Epistles.

There is a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

MUSIC.

This department is under the direction of Dr. Benjamin C. Blodgett of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not otherwise connected with the College, or as an elective study for students pursuing a college course. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants from outside must be at least sixteen years of age, and must have completed a course of study equivalent to that of a standard High school. They must also be prepared for examination in the grades of music-work, technical and interpretative, as represented by the following compositions :—

PIANO.—Czerny, Op. 299; Cramer's Exercises; Mendelssohn's Songs without Words; Haydn's and Mozart's simpler Sonatas.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Simple Songs by Schubert and Franz.

VIOLIN.—C. N. Allen's Etude-Album.

After the Freshman Year students of the College may elect any branch of music-study for which they are qualified.

No student is received for a shorter time than the College *year*.

Frequent recitals will be given by the teachers and pupils, and in the course of the year some public concerts, and lectures upon musical subjects, will be given, tickets for which will be furnished gratuitously to college students who elect music.

Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks :—

Organ, piano, or vocal lessons,	$50 00
Violin or Violoncello,	50 00
Harmony or theory, in class,	15 00
Use of piano one hour daily,	15 00

All music students must study Harmony as far as "Suspension."

Tuition must be paid in advance for the *entire* year.

DRAWING AND PAINTING.

DRAWING.—*First Year:* Preparatory Antique Class; Cast drawing—plant forms, heads, parts of the human body.

Second Year: Antique Class; Cast drawing—heads, busts, full-lengths.

SOPHOMORE YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Greek, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *French*, 4. *German*, 4. *Analytic Geometry*, 3. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French or German, 2. Analytic Geometry, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Latin*, 2. *German or French*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French, 2. German, 2. Chemistry, 4. Early Mediæval History, 3. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Latin*, 2. *History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
WINTER TERM.	Latin, 3. Greek, 3. Greek History, 2. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *French*, 4. *German*, 4. *Analytic Geometry*, 3. *Qualitative Analysis*, 3. *Microscopic Technique*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Analytic Geometry, 3. Qualitative Analysis, 3. Mediæval and Modern History, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Microscopic Technique*, 2. *Greek History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French, 2. German, 2. Anglo-Saxon, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Plane Trigonometry*, 2. *Latin*, 2. *Qualitative Analysis*, 3. *Microscopic Technique*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
SPRING TERM.	Botany, 2. Roman History, 2. Rhetoric, 1. Physiology, Lectures, 1. Drawing, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 4. *German*, 4. *Theory of Equations*, 2. *Botany*, 2. *Chemistry*, 2. *Constitutional and Political History of U. S.*, 2. *Music*, 2. *Painting*, 2.	French or German, 2. Theory of Equations, 2. Botany, 4. Rhetoric, 1. Physiology, Lectures, 2. Drawing, 1. Bible, 1. *Latin*, 2. *German or French*, 2. *Chemistry*, 2. *Roman History*, 2. *Constitutional and Political History of U. S.*, 2. *Music*, 2. *Painting*, 2.	French, 2. German, 2. English, Chaucer, 2. Botany, 2. Rhetoric, 1. Physiology, 1. Bible, 1. *Latin*, 2. *Spherical Trigonometry*, 2. *Botany*, 2. *Chemistry*, 2. *Anglo-Saxon*, 2. *History of Mediæval Church*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

JUNIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Botany, 2. Zoölogy, 2. Mediæval History, 2. Logic, 2. English Literature, 2. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Chemistry*, 2. *Botany*, 2. *Zoölogy*, 2. *Drawing*, 2. *Painting*, 2. *Music*, 2.	Mechanics, 2. Botany, 2. Zoölogy, 2. Logic, 2. English Literature, 2. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Chemistry*, 2. *Botany*, 2. *Zoölogy*, 2. *History*, 2. *Drawing*, 2. *Painting*, 2. *Music*, 2.	French, 2. German, 2. Botany, 2. Later Mediæval History, 2. Logic, 2. Rhetoric, 1. Bible, 1. *Early English*, 2. *Latin*, 2. *Greek*, 2. *Anglo-Saxon*, 2. *Analytic Geometry*, 3. *History*, 2. *Chemistry*, 2. *Zoölogy*, 2. *Drawing*, 2. *Painting*, 2. *Music*, 2.
WINTER TERM.	Physics, 4. History, 3. English Literature, 2. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Anglo-Saxon*, 4. *Calculus*, 2. *Chemistry*, 2. *Botany*, 2. *Zoölogy*, 2. *Logic*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Physics, 4. Mineralogy, 3. English Literature, 2. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *History*, 2. *Logic*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French or German, 2. History of Europe from Renaissance to 1815, 2. English Masters, Prose, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *German or French*, 2. *Analytic Geometry*, 3. *Chemistry*, 2. *Mineralogy*, 3. *Physics*, 4. *Botany*, 2. *Zoölogy*, 2. *History*, 2. *Logic*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
SPRING TERM.	Astronomy, 4. Geology, Lectures, 1. History, 3. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Physics*, 3. *Rhetoric*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Astronomy, 4. Physics, 3. Geology, 3. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	History, Europe since 1815, 2. Constitutional and Political History of U. S., 2. English Masters, Poetry, 4. English Drama, 1. Rhetoric, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Geology*, 2. *Physics*, 3. *Astronomy*, 4. *Biology*, 2. *Chemistry*, 2. *Physiology*, 2. *History*, 2. *Rhetoric*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

SENIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	**Psychology, 4.** **History of Art, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Ancient Literature*, 2. *Mathematics*, 2. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Constitutional History of England*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.	**Psychology, 4.** **History of Art, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Ancient Literature*, 2. *Mathematics*, 2. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Constitutional History of England*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.	**Psychology, 4.** **History of Art, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Ancient Literature*, 2. *Mathematics*, 2. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Constitutional History of England*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.
WINTER TERM.	**History of Philosophy, 3.** **Political Economy, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Masters*, 4. *Shakespeare*, 4. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *History of Art*, 2. *Drawing or Painting*, 2. *Music*, 2.	**History of Philosophy, 3.** **Political Economy, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Masters*, 4. *Shakespeare*, 4. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *History of Art*, 2. *Drawing or Painting*, 2. *Music*, 2.	**History of Philosophy, 3.** **Political Economy, 4.** **Rhetoric, 1.** **Elocution, 1.** **Bible, 1.** *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Masters*, 4. *Shakespeare*, 4. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *History of Art*, 2. *Drawing or Painting*, 2. *Music*, 2.

SENIOR YEAR.—Continued.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
SPRING TERM.	Ethics, 4. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *History of Ethics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Literature, Chaucer*, 2. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.	Ethics, 4. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *History of Ethics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Literature, Chaucer*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.	Ethics, 4. Theism and Christian Evidences, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *History of Ethics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Literature, Victorian (Seminary Method)*, 2. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing or Painting*, 2.

SPECIAL STUDENTS.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for *special* work may be accommodated in the building as far as possible. If not thus provided for, board may be obtained in private families at an expense varying from $4 to $6 per week.

DEGREES.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive the degree of Bachelor of Science.

Those who complete the Literary Course receive the degree of Bachelor of Literature.

SPECIAL STUDENTS.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations.

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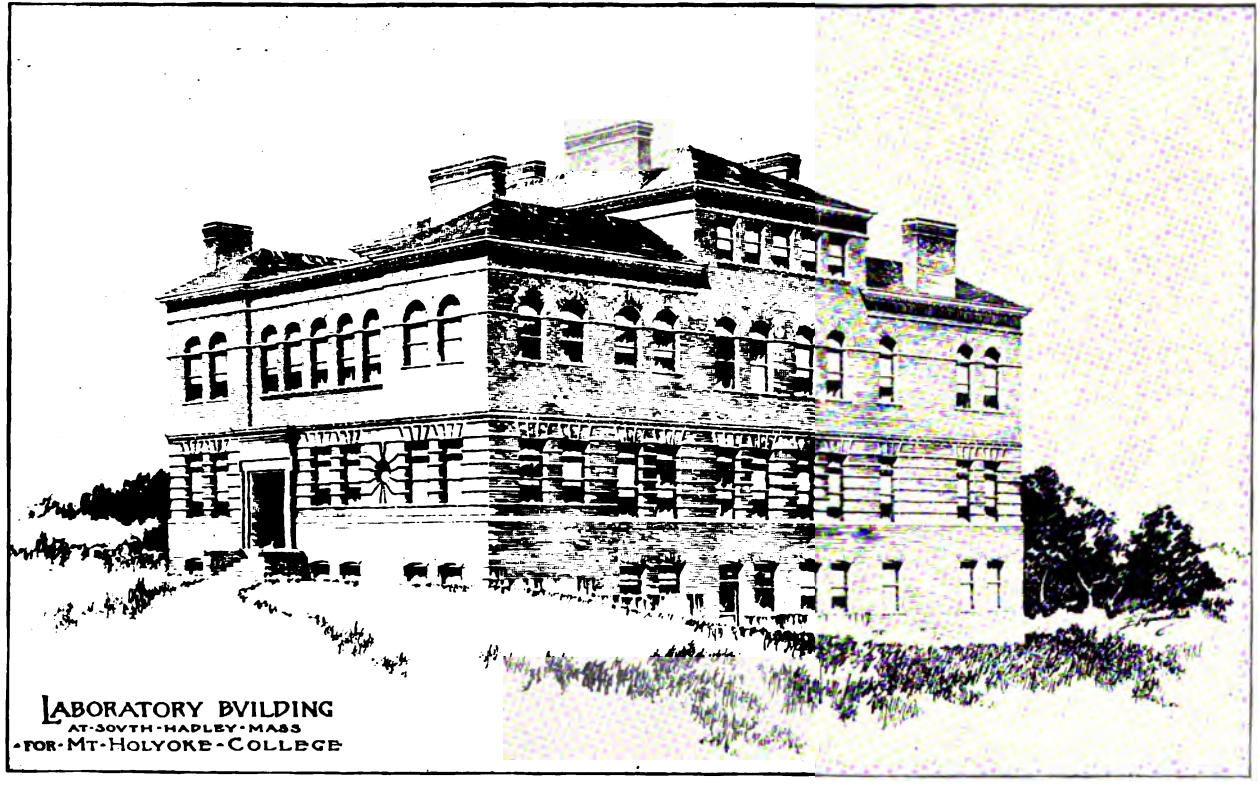

CHEMICAL AND PHYSICAL LABORATORIES, MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis courts. The botanic garden with its artificial lily-pond, a grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook are in the rear of the building. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the foot-path and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and electric lighting, while an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

LIBRARY AND READING-ROOM.—The library is a fire-proof building, connected by a corridor with the main edifice. A second apartment has been added, furnishing room for twenty-five thousand additional volumes. There are at present about fifteen thousand books on the shelves to which the students have direct access, aided by a card catalogue, a classified index, and other helps.

The reading-room and library are liberally supplied with the leading papers and periodicals, both American and foreign.

WILLISTON HALL.—The Lyman Williston Hall contains large and well appointed rooms for lectures and recitations in the natural sciences, extensive cabinets, laboratories for practical work, valuable apparatus, and department-libraries.

The art gallery occupies the entire upper floor of this building, including a large central apartment with several adjacent rooms. Among its treasures are Bierstadt's painting of the "Hetch Hetchie Cañon"; "Leonardo da Vinci and his Pupils," by Edwin White of the National Academy, with studies and cartoons by the same artist; the "Conway Meadows," by

George Inness; "Coast of Norway," by Robert Kluth, a recent gift from Hon. E. A. Goodnow; and pictures by other well-known American painters. The old masters are represented by fine copies of Murillo's "Immaculate Conception," and his "La Concha" from the Royal Gallery at Madrid, of Raphael's "Transfiguration," Domenichino's "Last Communion of St. Jerome," Titian's "Assumption," Guido Reni's "Aurora" and "St. Michael," Fra Angelico's "Madonna with Angels," and a set of carbon photographs from Rembrandt's most noted works. The history of art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

A recent addition to Williston Hall furnishes ample accommodations for the department of Biology. It contains two laboratories for Zoölogy and one for Physiology; also several rooms for recitations in other departments. On the lower floor is an apartment designed for aquaria, which proves an important adjunct to the biological laboratories, affording opportunity for the observation of living animals, and study of aquatic plants.

HALL FOR CHEMISTRY AND PHYSICS.—A new building for Chemistry and Physics is in process of erection north of Williston Hall. It is to be three stories in height besides the basement, and built of brick with trimmings of Longmeadow sandstone and ornamental face brick, a handsome structure though truly a workshop. Physical and chemical storerooms are in the basement; the first story is mainly appropriated to the department of Physics, while Chemistry occupies the next floor.

With various laboratories for general and special work, recitation rooms, lecture rooms, library and reading room, professors' study and preparation room, all of which are designed to be convenient and complete in their appointments, the building promises to be admirably adapted to present requirements in scientific study. It will be ready for use in September.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.—An astronomical observatory was completed in June, 1881. It contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances. This building with its equipments, as well as the lot on which it stands, is the gift of A. L. Williston, Esq., of Northampton, in memory of his son, JOHN PAYSON WILLISTON.

EXPENSES.

The price of tuition for all students, regular and special, is $75 for the year, and board $175. This includes lectures, steam heating, and electric

lights. One half the sum, $125, is to be paid the first Monday of the fall term, Sept. 18, and $125 the first Monday of the second term, Jan. 8. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

For instruction in music, see page 17. An extra charge is made for laboratory fees, washing, and meals sent to rooms.

The college building is closed during the vacations.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than eight dollars per week for the time spent at the Institution. No deduction will be made for absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship of $1,000, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary A. Stevens Scholarship of $5,000, established in 1889, by Mary A. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

Also the Worcester Alumnæ Scholarship of $200, maintained by annual gift.

FAMILY ARRANGEMENTS.

All the teachers and students share the familiar intercourse of a well-ordered Christian home. The daily period given by every student to domestic work, under systematic planning and skillful supervision, secures the comfort of the large household.

As it is important that the regular study hours should be uninterrupted, calls and visits from friends of the students should be limited to the weekly recreation time, which includes Tuesday evening and Wednesday,—not Wednesday evening. Calls are not received on the Sabbath.

Attendance at the Sabbath morning service is required.

NOTICE TO ACCEPTED CANDIDATES.

If circumstances render your attendance doubtful, you are requested to communicate immediately the degree of uncertainty.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets for single bed, pillow-cases, and one pair of blankets; also a teaspoon and dessert spoon. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Books and stationery can be purchased at the Institution on reasonable terms.

Mount Holyoke College is in South Hadley, Mass., not Holyoke. The nearest station is at Smith's Ferry, on the Connecticut River Railroad, where stages meet *accommodation* trains except during the winter. At Holyoke, stages meet *express* trains.

Tickets for Smith's Ferry and Holyoke, with checks for baggage, can be obtained in the large cities and towns east and west.

The Institution is connected with Holyoke and other cities by telegraph and telephone.

STUDENTS.

SENIOR CLASS.

ADAMS, FLORENCE L., L.*	Shirley.
ANNETT, SARAH EDNA, L.	East Jaffrey, N. H.
AVERILL, SARAH, Sem.	Pomfret, Conn.
BEACH, EMILY KELLOGG, C.	New Haven, Conn.
BECKWITH, MARTHA WARREN, S.	Haiku, Maui, Hawaiian Islands.
BERRY, GRACE ELLA, S.	West Boylston.
BLAKELY, BERTHA ELIZA, L.	Winchendon.
BLOOMFIELD, EVANGELINE, S.	Meriden, Conn.
BULL, CAROLINE A. GORDON, C.	Woodstock, N. B.
BURT, GRACE MARTIN, S.	Springfield.
CLEVELAND, MARY, C.	Brooklyn, N. Y.
COOPER, GERTRUDE MAY, C.	Syracuse, N. Y.
DICKINSON, LAURA, Sem.	Amherst.
DICKINSON, LOUISE, S.	Amherst.
DOLLINGER, ANNA W., C.	Wheaton, Ill.
EVERETT, IDA J., L.	Norwood.
FAIRBANK, ELIZABETH, L.	Ahmednagar, India.
FAUNCE, SARA E., S.	Plymouth.
GRAHAM, MERTIE L., L.	Richford, Vt.
IVES, JULIA ISABELLE, C.	Auburn, N. Y.
JOHNSON, ADELAIDE, S.	Morristown, N. J.
KELLOGG, CORA H., S.	Granby.
KINGSLEY, CHARISSA A., C.	Taunton.
KNAPP, GRACE H., L.	Bitlis, Turkey.
LOCKE, MARINDA ADAMS, Sem.	Philippopolis, Bulgaria.
MACNULTY, GERTRUDE A., L.	Washington, D. C.
MCDONALD, ALICE MARIA, Sem.	Bath, Me.
MOODY, JULIA ELEANOR, Sem.	Chicago, Ill.
MIYAGAWA, TOSHI, L.	Osaka, Japan.
MOTT, SARAH FARNAM, L.	Yonkers, N. Y.
RICE, CAROLINE K., L.	New Haven, Conn.
RICH, HATTIE SOMERS, S.	Morrisville, Vt.
RICHARDSON, ABBY MARIA, Sem.	Francestown, N. H.
ROWLAND, TACE FARLEY, S.	Lee.
SMITH, CARRIE LOUISE, L.	Granby.

*L., Literary Course; S., Scientific Course; C., Classical Course; Sem., Seminary Course.

SPRAGUE, OLIVE ATWELL, C.	Jersey City, N. J.
STEVENS, ALICE P., C.	Newburyport.
STEVENS, GRACE, L.	South Framingham.
STEWART, HELEN ANNETTE, C.	Rutland, Vt.
STOCKWELL, ADDIE ROWE, Sem.	Williamsville, Vt.
WARD, E. LENA, C.	Johnson, Vt.
WEMPLE, JEANNE ELIZA, Sem.	Schenectady, N. Y.
YEOMANS, FRANCES A., S.	Danville, Ill.

JUNIOR CLASS.

ABBOT, FANNY HOLMES, C.	East Orange, N. J.
ALLYN, ELEANOR, C.	Lyme, Conn.
AYRES, FRANCES C., S.	Peoria, Ill.
BARBER, HARRIET A., C.	Seymour, Conn.
BEARE, CORNELIA, L.	New York City.
BEMIS, LEIGH JEANNETTE, C.	Shrewsbury.
BEVIN, PERNELLA, C.	South Hadley Falls.
BLAKE, CLARA LOUISE, C.	Nashua, N. H.
BLUNT, KATE MARION, L.	Haverhill.
BRIERLY, ADDIE ORILLA, L.	New Brighton, Penn.
BRIERLY, ELLA THOMPSON, L.	New Brighton, Penn.
BROWN, ALICE E., L.	Groton, Conn.
BUDD, SARAH ROWAND, C.	Mount Holly, N. J.
BUNNELL, ELIZABETH H., C.	Tunkhannock, Penn.
DEANS, GERTRUDE AGNES, L.	West Medway.
DURGIN, CORA ADELLA, S.	Worcester.
FENNO, AMANDA D., L.	Portland, Me.
FOWLER, ELIZABETH B., C.	Biddeford, Me.
GIFFORD, GRACE, S.	Jamestown, N. Y.
GLEN, CATHERINE YOUNG, L.	Elizabeth, N. J.
GORDON, MARY P., L.	Portland, Conn.
GRANT, EMELYN, L.	Goldsboro, N. C.
GUND, MINNIE C., L.	Marcus, Io.
HAYES, EDITH PARSONS, C.	Holyoke.
HETTINGER, ALICE, L.	Freeport, Ill.
HOLBROOK, BERTHA E., L.	Morrisville, Vt.
HOUGHTON, BERTHA RAWSON, L.	Worcester.
HOWE, GRACE B., L.	North Hadley.
HOWELL, ELIZABETH MARIA, L.	Blairstown, N. J.
JONES, BESSIE LEE, L.	Chatham, N. Y.
KANE, ELIZABETH GALLOWAY, C.	Waterbury, Conn.
KIMBALL, MARIAN, L.	Newport, N. H.
KNOWLES, RUTH MAY, S.	East Orleans.
LEE, CHARLOTTE E., S.	Huntington, N. Y.
LYON, MARTHA J., S.	Morrisville, Vt.
MCGILL, MARGARET, C.	Dover.
MORSE, EMMA DORINDA, C.	St. Johnsbury, Vt.

MOSHER, RHENA E., S.	Westfield, N. Y.
NORTH, EVA METCALF, L.	Chicago, Ill.
OSGOOD, LUCY R., C.	Ellsworth, Me.
SMITH, ELSIE FLORENCE, L.	Brooklyn, N. Y.
SMITH, MABEL ESTHER, C.	Palmer.
STANLEY, IRENE, L.	Goldsboro, N. C.
STOWE, MABEL ELIZABETH, L.	West Brattleboro, Vt.
STRYKER, MINNIE, C.	Flemington, N. J.
TENNEY, CHARLOTTE L., L.	Morrisville, Vt.
WEEKS, ANGELINA L., C.	Gorham, Me.
WILCOX, ALICE MIRIAM, S.	Meriden, Conn.
WRIGHT, ALICE COOKE, L.	Bridge Hampton, N. Y.

SOPHOMORE CLASS.

BARTHOLOMEW, NELLIE E., S.	Ansonia, Conn.
BEEMAN, ALBERTA L., S.	St. Albans, Vt.
BLAKE, ETHEL WINTHROP, L.	Westfield.
BLISS, SERAPH A., S.	Lebanon, Conn.
BOND, VIOLET RUSSELL, L.	Monastir, Macedonia.
BRADFORD, FLORA LOUISE, L.	Wakefield.
BRAINARD, NELLIE J., L.	Devil's Lake, N. Dakota.
BRAY, MARY CURTIS, L.	Mendon, Ill.
BRIGGS, ELLA MARION, S.	Shelton, Conn.
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GUND, EMMA, L.	Freeport, Ill.
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HAZEL, FRANCES D., L.	New Haven, Conn.
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HOOKER, BESSIE MAY, C.	Westhampton.
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BAKER, LUCY FISH, C.	Jamestown, N. Y.
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Blunt, Florence Tolman, L.	Haverhill.
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Brown, Helen Cady, C.	South Hadley Falls.
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Comstock, Jennie, S.	Ballston, N. Y.
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Franchois, Henrietta Mary, S.	Binghamton, N. Y.
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Gibbons, Dora Belle, L.	Franklin, N. Y.
Gibbons, Vernette L., S.	Franklin, N. Y.
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Griffith, Sara Jane, L.	Penn Yan, N. Y.
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Hallock, Mary, C.	Steubensville, O.
Hamilton, Christine, L.	Niagara Falls Centre, Ont.
Harmon, Winnifred Louise, L.	Great Falls, N. H.
Hazen, Martha Merrill, C.	Northfield, Vt.
Henney, Christine, S.	Hiawatha, Kan.
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Hill, Myra A., C.	Williamsburg.
Hill, Nellie L., L.	Northwood Ridge, N. H.
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Mowry, Florence P., L.	Woonsocket, R. I.
Munson, Maude Elvina, S.	Huntington.
Musgrove, Carolyn Gertrude, L.	Pittsfield.
Near, Grace, C.	South Hadley.
Northrop, Evelyn Hope, C.	Tunkhannock, Penn.
Northrop, Helen, L.	Tunkhannock, Penn.
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Prentice, Helen, L.	Mystic, Conn.
Purington, Emily, S.	Waterford, Conn.
Reed, Elizabeth Freeman, L.	Boothbay Harbor, Me.
Richard, Dorothy Mary, C.	Newport, Vt.
Richardson, Frances Cathryn, L.	Salem, Or.
Richmond, Anna, L.	Armstrong, Io.
Ridlon, Sarah E., L.	Gorham, Me.
Sanger, Abbie May, L.	Franklin Falls, N. H.
Saxton, Mary Lucina, L.	West Randolph, Vt.
Seymour, Mary Cornelia, S.	Norfolk, Conn.
Shaw, M. Agnes W., C.	Portland, Penn.

SMALL, VIVIAN BLANCHE, C.	Gardiner, Me.
SMITH, NELLIE LILLIS, C.	Palmer.
SMITH, STELLA ESTHER, L.	Wakefield.
SPENCE, ADELE PURNELL, C.	Snow Hill, Md.
STEVENS, MARY ARNOLD, L.	Cincinnati, O.
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USHER, MAUDE PIERCE, L.	Plainville, Conn.
VOORHES, GRACE M., L.	Woodbridge, N. J.
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WATSON, MABEL ALICE, C.	Hampstead, N. H.
WHELDEN, ELIZABETH KELLOGG, S.	Williamstown.
WILLS, REBEKAH B., S.	Rancocas, N. J.
WORTHLEY, EVELYN M., C.	Brunswick, Me.
YEOMANS, EDITH M., S.	Danville, Ill.

SPECIAL STUDENTS.

BACON, IMOGENE	South Glastonbury, Conn.
BAILEY, MARY FREDERICA	East Jaffrey, N. H.
BELL, JESSIE MAY	Granby.
BEMIS, AGNES THEODORA	Shrewsbury.
BLISS, LULU FLORENCE	Prohibition Pk., Staten I., N. Y.
BRYANT, FLORENCE MARION	Morrisville, Vt.
FERRIN, ELLA L.	South Deerfield.
GENTHNER, NELLIE EUDORA	Foxcroft, Me.
GLOVER, IDA M.	New Britain, Conn.
GRIER, EVA M.	Hulton, Penn.
HOSACK, ISABEL	Mercer, Penn.
LORD, ANNA BUCKLIN	Rutland, Vt.
MCCAINE, ADELAIDE M.	Saint Paul, Minn.
MCCLURE, ELIZABETH M.	Nashua, N. H.
MOODY, EVELYN	South Hadley.
REID, MARTHA M.	Monmouth, Ill.
RICHARDSON, ANNIE L.	Cornish, Me.
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SHEARER, ELIZABETH E.	New York City.
VIETS, CLARA BELLE	Granby, Conn.
WALKER, MARY WILSON	Danville, Va.
WILSON, EMMA WHITNEY	Worcester, N. Y.

SUMMARY OF STUDENTS.

COURSES.

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RESIDENCE.

The United States :	
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Illinois,	19
Iowa,	2
Kansas,	4
Kentucky,	1
Maine,	21
Maryland,	1
Massachusetts,	69
Minnesota,	1
New Hampshire,	15
New Jersey,	14
New York,	46
North Carolina,	3
North Dakota,	1
Ohio,	9
Oregon,	1
Pennsylvania,	20
Rhode Island,	4
Vermont,	25
Virginia,	1
Wisconsin,	5
Other Countries :	
Bulgaria,	1
Hawaiian Islands,	1
India,	1
Japan,	2
Macedonia,	1
New Brunswick,	1
Ontario,	1
Turkey,	2
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DEGREES CONFERRED IN 1892.

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Addie Imogene Locke,	Philippopolis, Bulgaria.

BACHELOR OF SCIENCE.

Anna B. Bockée,	Orange City, Florida.
Lottie Bushnell,	Watertown, N. Y.
Annie Allender Gould,	Portland, Me.
Clara Kennedy Hicks,	Wyoming, Pa.
Marcia Anna Keith,	Braintree.
Sadie M. Lake,	Rockville, Conn.

BACHELOR OF LITERATURE.

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Miriam Gray,	Worcester.
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Theism and Christian Evidences.

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Painting.

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English Literature.

FRANCES MARY HAZEN,
Latin.

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Astronomy; Director of Observatory.

ELIZABETH BARSTOW PRENTISS,
Modern History.

LOUISE FRANCES COWLES,
Geology and Mineralogy.

MARY OLIVIA NUTTING,
Librarian.

SARAH HALE MELVIN,
Rhetoric.

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Latin.

CORNELIA MARIA CLAPP, PH.D.,
Zoölogy.

CLARA WHITE WOOD,
Ancient History and Rhetoric.

HENRIETTA EDGECOMB HOOKER, PH.D.,
Botany.

MARGARETHE E. VITZTHUM VON ECKSTADT,
French Language and Literature.

MARY CLEAVELAND BRADFORD, PH.B.,
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Rhetoric and Logic.

SARA A. WORDEN,
Drawing.

MARCIA ANNA KEITH, B.S.,
Physics.

‡MARY ADELAIDE BERRY,
Chemistry.

SARAH EFFIE SMITH, B.S.,
Mathematics.

FLORENCE PURINGTON,
Mathematics.

SARAH GAY PATTESON,
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ELLA ADELAIDE KNAPP, A.M.,
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Physician and Instructor in Physiology.

LOUISE FITZ-RANDOLPH,
History of Art and Oriental Literature.

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German Language and Literature.

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German Language and Literature.

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Greek.

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Philosophy and Political Economy.

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English Literature.

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Physical Culture.

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Laboratory Assistant in Zoölogy.

HELEN C. FLINT, A.B.,
Assistant in Greek.

ALICE P. STEVENS,
Assistant in German.

CHARLOTTE E. LEE,
Laboratory Assistant in Botany.

MISS EMILY M. EDSON,
MRS. E. L. PURNELL,
Superintendents of Domestic Department.

---

*Arranged in order of appointment.
†Absent.
‡Died December 13, 1892.

LECTURERS AND NON-RESIDENT INSTRUCTORS.

PROFESSOR CHARLES A. YOUNG, PH.D., LL.D., of Princeton College,
Astronomy.

PROFESSOR CHARLES H. HITCHCOCK, PH.D., of Dartmouth College,
Geology.

PROFESSOR ALONZO S. KIMBALL, PH.D., of Worcester Polytechnic Institute,
Physics.

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History and Philosophy of Art.

PROFESSOR JOHN B. CLARK, A.M., of Amherst College,
Political Economy.

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Chemistry.

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Elocution.

BENJAMIN C. BLODGETT, MUS. DOC., of Northampton,
Music.

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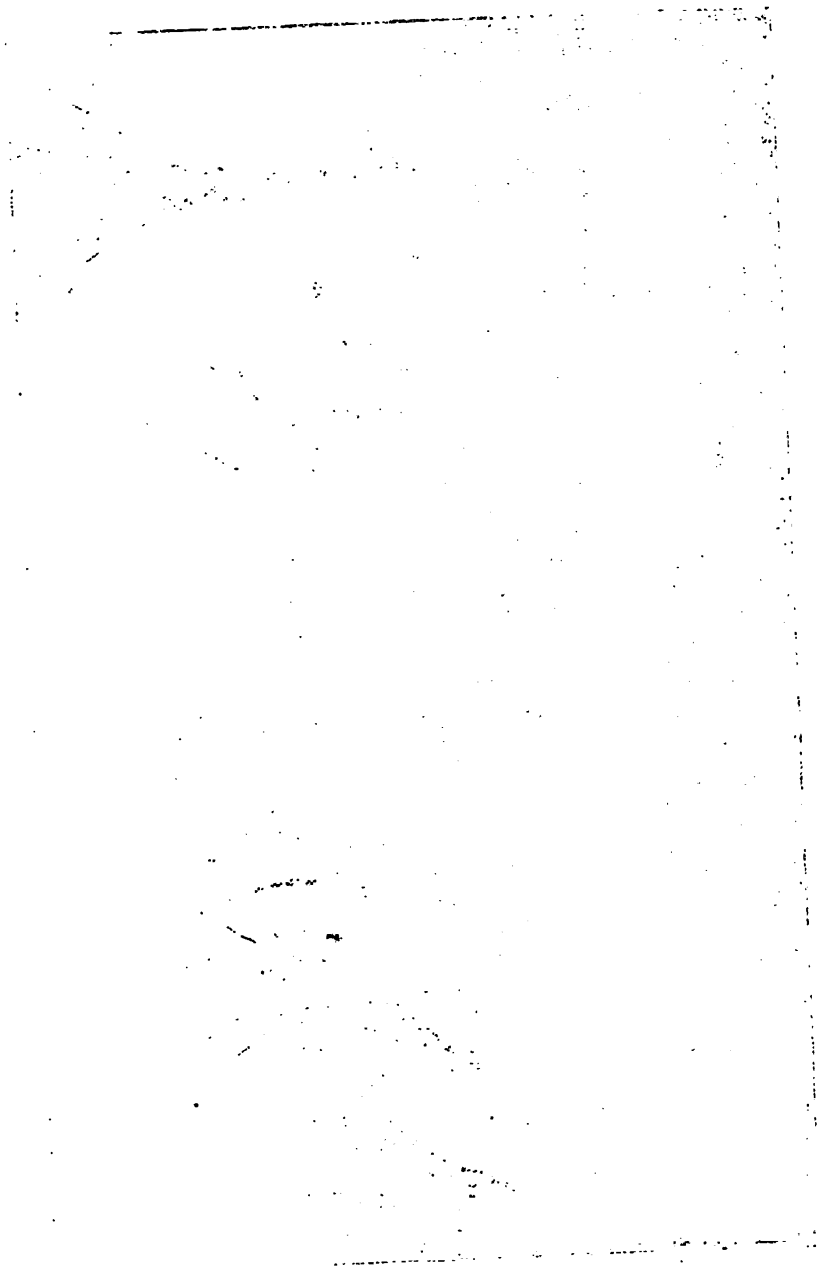
Annual Meeting in the College Chapel, Wednesday p. m., June 21, 1893.

* Died Nov. 22, 1892.

MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.



LYMAN WILLISTON HALL, MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

ANNUAL

OF

MOUNT HOLYOKE COLLEGE

IN

SOUTH HADLEY, MASS.

1893-1894.

PUBLISHED BY
THE COLLEGE.

MOUNT HOLYOKE SEMINARY

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

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CALENDAR.

Spring Vacation,	March 28 to April 12, 1894.
Baccalaureate Sermon,	Sunday, June 17, 1894.
Meeting of the Mount Holyoke Alumnæ Association,	Tuesday, P. M., June 19, 1894.
Commencement Exercises,	Wednesday, 11 A. M., June 20, 1894.
Entrance Examinations,	June 5–8 and September 11–14, 1894.

Fall Term begins	Thursday, September 13, 1894.
Founder's Day,	Thursday, November 8, 1894.
Thanksgiving Recess,	Wednesday noon to Friday noon.
Winter Vacation,	December 19, 1894, to January 3, 1895.
Day of Prayer for Colleges,	Thursday, January 24, 1895.
Holiday, Washington's Birthday,	Friday, February 22, 1895.
Spring Vacation,	March 27 to April 11, 1895.

ENTRANCE EXAMINATIONS IN WILLISTON HALL, JUNE 5–8, AND SEPTEMBER 11–14, 1894.

Tuesday, 1.30 P. M., History of United States.
" 3 P. M., English and Rhetoric.
" 7 P. M., Botany.
" 7 P. M., English History.
Wednesday, 8.30 A. M., Algebra.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 7 P. M., Ancient History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Vergil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

All students should register in the office of the Registrar immediately on arrival.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

Examination in the following subjects :—

MATHEMATICS.—College Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent; Cæsar, Gallic War, four books; Cicero, Seven Orations; Vergil's Æneid, six books. The *Roman Pronunciation* is used.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, four books; Homer's Iliad, three books.

HISTORY of the United States.

ANCIENT HISTORY.—Myer's History of the Eastern Nations and Greece to the death of Alexander, and Allen's History of the Roman People to the death of Marcus Aurelius, or equivalents.

ENGLISH.—Diction, figures, sentences, and paragraphs; Letter writing; Abstracts; Paraphrases; Construction of Plans. Genung's High School Rhetoric or Mrs. Lockwood's, with Carpenter's Revision of Strang's Exercises in English Composition.

In 1894, subjects for writing will be given from Shakespeare's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, Arnold's Sohrab and Rustrum, the Sir Roger de Coverley Papers in The Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Abbot, Dickens's David Copperfield.

In 1895, Shakespeare's Merchant of Venice and Twelfth Night, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverley Papers in The Spectator, Macaulay's Essays on Milton and Addison, Webster's First Bunker Hill Oration, Irving's Sketch Book, Scott's Abbot.

In 1896, Shakespeare's Merchant of Venice and Midsummer Night's Dream, Milton's L'Allegro, Il Penseroso, Comus and Lycidas, Longfellow's Evangeline, Macaulay's Essay on Milton, Webster's First Bunker Hill Oration, De Foe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, George Eliot's Silas Marner.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

ELEMENTARY BOTANY.—Gray's How Plants Grow, or an equivalent; Plant Determination.

FRENCH OR GERMAN.—

FRENCH.—Petite Grammaire, Sauveur; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bôcher's College Plays; Two books of Modern Prose Writers; Esther, Racine; Le Cid, Çorneille.

GERMAN.—Wenckebach's or Joynes-Meissner's Grammar; Stein's Composition; Deutscher Anschauungs-Unterricht, Wenckebach, Parts I. and II., studied as illustrated in the preface; Das deutsche Buch, van Daell and Schrakamp; Brandt's German Reader, or Im Zwielicht, by Dr. W. Bernhardt; Immensee, by Storm; Die Journalisten, by Gustav Freytag. German Script.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required but may be offered in place of one of the modern languages.

ELEMENTARY PHYSICS will be required in 1895.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following additions:—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required but may be offered in place of one of the modern languages.

ENTRANCE EXAMINATIONS.

Entrance examinations take place at the College, June 5, 6, and 7, or September 11, 12, and 13, 1894.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, Garden City, N. Y., Bangor, Me., and Boston. Any candidate desiring to take examinations in these places or elsewhere, in June, should communicate with the President before May, 1894. A fee will be charged for examinations given outside the College.

Communications relating to admission may be addressed to the President. No students are admitted under sixteen years of age.

COURSES OF STUDY.

ANCIENT CLASSICS.

LATIN.—

1. Cicero's De Senectute and De Amicitia; Livy, Books XXI. and XXII.; Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica; Prose Composition based on the text of Cicero and Livy; Sight reading and translation.
2. Tacitus, Germania and Agricola.
3. Pliny's Letters; Plautus.
4. Terence; Juvenal; Cicero de Natura Deorum.
5. Cicero de Immortalitate; Lucretius; Quintilian.

Courses 1 and 2 are required for the degree of B.A. A course of two terms is required for the degree of B.L.

GREEK.—

1. Herodotus; Odyssey; Thucydides; Exercises in Prose Composition.
2. Plato's Apology and Crito; Demosthenes on the Crown.
3. Drama: (*a*) Rise and Development of the Drama; (*b*) Reading of one Drama.
4. Selected Dramas; Greek Testament; Study of Life and Monuments of Ancient Greece.
5. Selections from Plato; Lyric Poetry: Selections from Attic Orators.

Courses 1 and 2 are required for degree of B.A.

Mount Holyoke College contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this college are entitled to all its advantages.

ANCIENT AND MEDIÆVAL LITERATURE.—The course includes a comprehensive outline of Oriental and Classical literature, with the critical analysis of a few masterpieces, as presented in the best English version. Readings from the Homeric poems are followed, in connection with the works of Mure, Müller, and others, and with reference to the latest archæological discoveries. The Greek drama is considered, the plan and structure of the ancient theatre, as defined through recent excavations, and representative plays are read and discussed by the class. Similar outline studies are offered in mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.

FRENCH.—

1. Grammaire: Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes: George Sand, Sandeau, Souvestre, Toepffer. Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle: Petit de Julleville, Albert. Chansons de geste, Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
2. Histoire de la Littérature du XVIIème siècle. Corneille: Le Cid, Cinna, Horace, Polyeucte. Guizot: Corneille et son temps. Sainte-Beuve, J. Lemaître, Faguet. Romanciers réalistes: H. Balzac, P. Mérimée, Stendhal.
3. Racine; Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau: Satires, L'Art poétique. Poëtes romantiques: Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.
4. Sainte-Beuve: Femmes célèbres. Molière: L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard: Le Joueur. Histoire de la Littérature du XVIIème siècle.
5. Philosophes du XVIIIème siècle: Voltaire, J. J. Rousseau, d'Alembert, Diderot, etc. Écoles philosophiques: Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École Romantique; Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.
6. Poésie et Theâtre du XIXème siècle: Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers réalistes: A. Daudet, G. Flaubert. Romanciers naturalistes: E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.
7. Old French: Marie de France: Fabliaux; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral: Mirèio, Nerto.
8. Français scientifique; French Popular Science by Jules Luquiens; L'Année scientifique et industrielle par L. Figuier; Revue scientifique (Revue rose).

Study of Grammar, Essays, Compositions, based on books read throughout the course; Memorizing prose and poetry; Sight-reading, Lectures.

GERMAN.—

1. Otto's Elementary Grammar; Das deutsche Buch, van Daell; Lyric Poems and Ballads memorized; Brandt's German Reader; Narrations; Memorizing; Composition; German Exercises (Stein); Fluch der Schonheit, Spielmanns Kind, Riehl; L'Arrabiata Heyse.

2. Prose Composition, Fasnacht; Syntax; Narrations.
3. Minna von Barnhelm; Tagebuch eines armen Fräuleins, Nathusius; Geschichte der deutschen Nationallitteratur, Kluge.
4. Jungfrau von Orleans, Schiller; Schiller's Poems; Life of Schiller.
5. Emilia Gallotti, Lessing; Hermann und Dorothea, Goethe. Outlines, Résumés, Character-sketches.
6. Egmont; Iphigenia; Life of Goethe.
7. Faust—Thomas, Schröer, von Löpel, Düntzer; History of German Literature, Contemporary Authors. Goethe's Relation to Wieland, Herder, Schiller, and the Romanticists.
8. Seminary, meets twice weekly. The members will in turn present papers upon and discuss: Der arme Heinrich, Hartmann von Aue; Prinz von Homburg, H. von Kleist; Ekkehard, Scheffel; Niebelungenlied; Dichtung und Wahrheit, Goethe; Novels, Riehl.
9. Die Quitzows, E. von Wildenbruch; Letters of Moltke, Speeches of Bismarck.
10. Scientific German: Über Bakterien, Cohn; Über Goethe's Naturwissenschaftliche Arbeiten, Helmholz; Das Protoplasma, Strassburger; Welche Auffassung der lebenden Natur ist die richtige? v. Baer; Der jetzige Stand der morphologischen Disciplinen, Kölliker; Zur Charakteristik der Forschungswege von Lamarck und Darwin; Arnold Lang.
11. Private Readings: Auerbach, Riehl, Heyse, Schiller, Hauff.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

SPANISH.—

Método Berlitz; Conversation and exercises. Reading: Pepito Jiménez, Carlos Américanos par Juan Valero, El Sombrero de Tres Picos par P. A. de Alarcon, El Final de Norma par Alarcon, Marta y Maria par Armando Polacio Valdes.

MATHEMATICS.

1. (*a*) Higher Algebra; (*b*) Solid and Spherical Geometry; (*c*) Plane and Spherical Trigonometry.
2. (*a*) Plane Analytic Geometry; (*b*) Theory of Equations.
3. (*a*) Differential Calculus; (*b*) Integral Calculus.
4. (*a*) Solid Analytic Geometry; (*b*) Differential Equations; (*c* Analytic Mechanics.

Courses 1 and 2 are required for degree of B.S. Course 1 for degree of B.A. Course 1 (*b*) for degree of B.L.

SCIENCE.

CHEMISTRY.—

1. Elementary General Chemistry. Lectures, recitations, and laboratory work.
2. General Chemistry, non-metals only. Lectures, recitations, and laboratory work.
3. Continuation of study of the non-metals, and study of the metals. Must be preceded by Course 2.
4. Qualitative Analysis. Must be preceded by Course 3.
5. Continuation of Course 4. Special attention paid to blowpipe work, and to short methods with dry salts.
6. Quantitative Analysis, mainly gravimetric.
7. Continuation of Course 6, mainly volumetric.
8. Organic Chemistry: Fatty Group. Must be preceded by at least three courses in Chemistry.
9. Continuation of Course 8: Carbohydrates and Aromatic Compounds.
10. Lectures on the History and Theory of Chemistry. Laboratory work.

Courses 2 and 3 are required for degree of B.S. Course 2 is required for degree of B.A. Course 1 is required for degree of B.L. Those preparing to teach Chemistry who cannot devote more than two years to the study should take Courses 2, 3, 4, 6, 8, and 10.

MINERALOGY.—

1. Description with identification and classification of specimens, also study of Crystallography with glass models and others.
2. Further study of Crystallography and Petrography with use of microscope and polarizer; also the preparation of rock sections with the section-cutter. There is a well equipped cabinet for the study of Lithology.

Course 2 must be preceded by Course 1. Course 1 is required for degree of B.S.

GEOLOGY.—

1. Physiographic and Dynamical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States prepared by Professor Hitchcock of Dartmouth College.
2. Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

3. Lectures in Structural and Historical Geology.
4. Advanced study in Paleontology with essays.

Courses 1 and 2 are required for degree of B.S. Course 2 for degree of B.A.

PHYSICS.—

1. General Physics.
2. (*a*) Mechanics. (*b*) Heat and Light. (*c*) Magnetism and Electricity.
3. Heat and Light; or Electricity. Must be preceded by Course 1 or 2 (*a*).
4. Sound. Must be preceded by Course 1 or 2 (*a*).
5. Electricity: A continuation of Course 2 (*c*).
6. Mathematical Physics. Must be preceded by Course 2 (*c*) and by the Course in Differential and Integral Calculus.

Courses 2, 4, and 5 include quantitative laboratory practice. Course 1 is required for the degree of B.A. Course 2 is required for the degree of B.S.

ASTRONOMY.—

1. General Astronomy. Course 1 should be preceded by Course 1 in Physics.
2. General Astronomy. Course 2 should be preceded by Course 2 (*a*) and (*b*) in Physics. Courses 1 and 2 require a knowledge of Spherical Trigonometry.
3. Descriptive Astronomy: Lectures. Course 3 is open only to students in the Literary Course.
4. History of Astronomy.
5. Elementary Practical Course. Course 5 should be preceded by Course 2.
6. Spherical and Practical Astronomy.

Course 1 is required for the degree of B.A. Course 2 is required for the degree of B.S.

BOTANY.—

1. Botanical terms and forms sufficient to recognize at sight and describe the characteristics of simpler orders.
2. Lectures on General Morphology and Physiology. Critical study of working organs of a typical fern. The fern is made the standard of comparison in all later botanical work. Gymnosperms.
3. Economic Botany. Laboratory and botanic garden work on Compositæ, Gramineæ, Cyperaceæ. Fruits and seeds. Excursions. Completion of herbarium.
4. The plant cell and its manufactured products. Microscopic Technique.
5. The study of trees in winter. Superficial characteristics from field work and museum specimens. Laboratory work on structure of bark, wood, lenticels, etc. Ascent of sap and kindred problems.

6. Winter fruits and seed vessels. Structure of seeds. Germination.
7. Evolution in Methods of Reproduction. General survey of Cryptogams. Cryptogamic herbarium.
8. Evolution of Tissues, a general course in Comparative Histology.
9. Embryology. Theories of Reproduction. Heredity.
10. Physiological questions. History of Science of Botany.

Courses 1, 2, and 3 required for degrees B.A. and B.L. Courses 2, 3, 4, and 5 (Course 1 on entrance) required for degree B.S. Courses 9 and 10 should be preceded by 4, 7, and 8.

ZOOLOGY.—

1. Outline of the classification of the animal kingdom; Dissection of typical forms of Vertebrates and Invertebrates; Special study of earthworm to gain an elementary knowledge of Animal Morphology, Physiology, and Embryology. Lectures on fundamental facts and principles of general Biology in their special application to animal life. Drawings and diagrams of objects studied.
2. (*a*) Comparative Zoölogy, a continuation of Course 1. (*b*) Comparative Anatomy; Dissection of the cat.
3. (*a*) Birds, determination of species, structure, habits, and songs. (*b*) Histology, embryology of the chick.
4. (*a*) Entomology; Histology; Microscopical Technique. (*b*) Osteology; Mammalian Anatomy.
5. (*a*) The Essentials of Comparative Physiology. (*b*) Physiology; Lectures by physician, laboratory work with special reference to human physiology.
6. (*a*) Lectures on interesting biological questions; Theories of development; History of the science. (*b*) Lectures on topics of biological interest, such as heredity, variation, animal metamorphosis. The works of Darwin, Wallace, and Weismann are recommended for reading this term.

Course 1 is required for the degrees of B.A. and B.S.

The remaining courses have been arranged to meet the needs of two classes of students: (*a*) Those desiring some knowledge of methods of teaching, and of practical work in the laboratory, and (*b*) Those intending to study medicine.

Colton's Practical Zoölogy, Brooks's Handbook of Invertebrates, Claus's Zoölogy, Packard's Zoölogy, Parker's Elementary Biology, Foster's Physiology, and Wiedersheim's Comparative Anatomy are much consulted in the laboratory. Marshall's Vertebrate Embryology and Hertwig's Comparative Embryology are used in the study of Embryology.

Mount Holyoke College subscribes for a *private room* at the Marine Biological Laboratory, Wood's Holl, Mass.

ANATOMY, PHYSIOLOGY, AND HYGIENE. — Lectures weekly for one year by the resident physician. Structure is illustrated by models, charts,

and by dissection of lower animals ; Sanitary science concludes the course. Required of all regular students.

RHETORIC AND LITERATURE.

RHETORIC.—

1. Description, narration, exposition, with study of models and brief papers each week illustrating the topics under consideration.
2. Argument, persuasion, principles of style. In addition to short papers, four debates and essays.
3. The Novel, Poetics. Four essays.
4. Literary Criticism. Three essays.
5. Theory of Rhetoric.

Courses 1, 2, 3, and 4 required for degree of B.L. Courses 1, 2, two terms of 3, and Course 4 required for degree of B.A. Courses 1, 2, and 4 required for degree of B.S.

ENGLISH LITERATURE.—

1. American Literature, lectures.
2. English Literature from 1450–1850. Brooke's Primer is used as a guide to a survey of the literature. Library readings, paragraph-essays upon topics assigned, and lectures.
3. Old English. Sweet's Anglo-Saxon Primer, with Hempl's Old English Grammar and Reader, Part I. The Elene. Cook's Sievers' Old English Grammar is used as a frequent reference.
4. Late Middle English. Chaucer,—a study of the text with attention to Phonology and Etymology. Assigned readings in the literature of Chaucer.
5. The Development of the English Language from the earliest times, with an outline of its changes in sounds, forms, and syntax. Lectures and collateral readings.
6. Old English Poetry. Studies in Judith and Beowulf. Ten Brink's History of English Literature and Stopford A. Brooke's Early English Literature are constantly used for reference.
7. Early English Literature,—the literature of the period of transition from Old English to Middle English, with attention to phonological changes.
8. English Prose and Poetry,—Chaucer, Spenser, Shakespeare, Milton, Dryden, Addison, Coleridge, Wordsworth, Thackeray, Carlyle. Papers and discussions.
9. English Poetry of the Eighteenth and Nineteenth Centuries. Papers and discussions.
10. The Development of English Prose from the Fifteenth Century to the present. Essays, discussions, and lectures.

11. The Masters of English Poetry,—a course in the interpretation of works in their entirety. Essays, discussions, and lectures.
12. The Development of the English Drama, chiefly in reference to the technic. Library readings and lectures.
13. Shakespeare's Plays. Three comedies, three historical plays, and three tragedies are selected. A study of Shakespeare's technic is made on the basis of Freytag's Technic of the Drama. Essays, discussions, and lectures.
14. Seminary in the Literature of the Victorian Period,—a study of the literature in connection with Philosophy; Browning, Newman, Kingsley, Clough, Arnold, Eliot, Tennyson, Morris, Rossetti, Meredith.
15. Seminary in American Literature,—a critical study of the principal writers of America.

Courses 1, 2, 3, 4, 10, 11, and 12 are required for the degree of B.L. Courses 1 and 8 are required for the degree of B.A. Course 8 is required for the degree of B.S. Courses 14 and 15 are open only to those who have taken Course 10, and Course 3 in Philosophy. Course 1 meets twice a week, but counts as one hour.

HISTORY.

ANCIENT HISTORY, GRECIAN AND ROMAN.—

Topical recitation from library references; Abstracts, theses, and lectures.

Required for degree of B.A. and B.L.

MEDIÆVAL AND MODERN HISTORY.—

1. General Survey.
2. Mediæval History to the Crusades: Outline of the general history of Europe; Study of the social, political, and ecclesiastical institutions of the period.
3. Mediæval History from the Crusades to the Renaissance: Special study of English and French institutions.
4. History of the Mediæval Church.
5. History of Modern Europe from Renaissance to 1815: Detailed study of the Renaissance in Italy, Germany, and England, and of the Reformation—its origin, progress, and results. An introductory study is made of the causes of the English and French Revolutions, as well as a detailed study of the progress and results of each; the course closes with the history of the Empire in France, and that of party government in England in the Eighteenth Century.

6. History of Europe since 1815: Principally political, including history of England, France, Germany, Italy, Russia, Spain, Switzerland. Questions of the day discussed.
7. Constitutional History of the United States: Study of the growth and operation of the Constitution of the United States.
8. (*a*) Constitutional History of England: Study of the origin and early growth of the English Constitution; Examination of charters.
   (*b*) Study of the later development of the English Constitution.

Courses 2, 3, 5, 6, and 7 are required for the degree of B.L. Courses 2, 3, 5, and 6, for the degree of B.A. Course 1 for degree of B.S.

POLITICAL ECONOMY.

Walker's Advanced Course in Political Economy is used as the basis, with references to the works of Ely, Marshall, Mill, and others.

Required of all candidates for a degree.

PHILOSOPHY.

1. LOGIC.—
   Jevons' Lessons in Logic; Collateral readings in Mill's Logic, Everett's Science of Thought, and Whately's Elements of Logic.

2. PSYCHOLOGY.—
   Sully's Outlines of Psychology; Readings from Ladd's Elements of Physiological Psychology, Baldwin's Handbook of Psychology, James' Psychology, McCosh's Psychology, and other authorities. Discussion of principles of the various Schools.

3. PHILOSOPHY.—
   An outline Course in the development of philosophic thought from Schwegler's History of Philosophy; Collateral readings in Zeller's Greek Philosophy, Ueberweg's History of Philosophy, Erdmann's History of Philosophy, and other standard works; Study of selections from the classics of the modern period.

Courses 1 and 2 are required of all candidates for a degree.

ETHICS.—
1. Bowne's Principles of Ethics. Lectures and discussions with references to standard works.
2. History of Ethics.

Course 1 is required of all candidates for a degree.

HISTORY OF ART.

1. (*a*) Ancient Sculpture and Architecture, Egyptian, Chaldeo-Assyrian, Greek and Roman; with the results of recent excavations and as interpreting the development of thought and literature.

(*b*) Christian Art. Early examples, Rome and Ravenna. The Basilica type in architecture. Byzantine School of decoration. Illuminated manuscripts. The Romanesque and Gothic Cathedrals.

(*c*) The Renaissance. Tuscan Sculptures. Early Florentine Painters. Schools of Florence, Padua, and Venice, with special reference to the master works of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto. Early Schools, Flanders and Germany.

2. Art of the Seventeenth and Eighteenth Centuries. Flemish, Dutch, and German Painters. Spanish Art, Velasquez and Murillo. French and English Schools. Review of Modern Art.

Course 1 is required of all candidates for a degree. Course 2 is open to Juniors and Seniors. The illustrations of the History of Art consist of plans, engravings, Arundel prints, and more than four thousand photographs, selected for the purpose by Miss Randolph, in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject, the lectures, the current year, treating of the latest archæological discoveries in Egypt and Greece.

ELOCUTION.

1. Breathing and voice exercises; Emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.
4. The Drama.

Courses 1 and 2 are required of all regular students.

THE BIBLE.

The study, extending through four years, includes the Pentateuch; Joshua; the Judges; the Kingdom under David and Solomon; the history of the two Kingdoms until their dissolution; the Prophetical writings; the life of Christ in the Gospels; the Acts of the Apostles; the Epistles. The work of the Senior Class consists of a study of Christian Evidences and Theism.

There is a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

MUSIC.

This department is under the direction of Dr. Benjamin C. Blodgett of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not otherwise connected with the College, or as an elective study for students pursuing a college course. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants from outside must be at least sixteen years of age, and must have completed a course of study equivalent to that of a standard High school. They must also be prepared for examination in the grades of music-work, technical and interpretative, as represented by the following compositions:—

PIANO.—Czerny, Op. 299; Cramer's Exercises; Mendelssohn's Songs without Words; Haydn's and Mozart's simpler Sonatas. Satisfactory equivalents will be accepted.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Simple Songs by Schubert and Franz.

VIOLIN.—C. N. Allen's Etude-Album.

After the Freshman Year students of the College may elect any branch of music-study for which they are qualified.

No student is received for a shorter time than the College *year*.

Frequent recitals will be given, public concerts, and lectures upon musical subjects, in the course of the year.

Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks:—

Organ, piano, or vocal lessons,	$50 00
Violin or Violoncello,	50 00
Harmony or theory, in class,	15 00
Use of piano one hour daily,	15 00

All music students must study Harmony as far as "Suspension."

Tuition must be paid in advance for the *entire* year.

In 1894–95 this department will be under the direction of Prof. Alfred M. Fletcher.

DRAWING AND PAINTING.

DRAWING.—

1. Object drawing—perspective; Cast drawing—plant forms, masks, heads, details of the human figure; Outdoor sketching; Modeling in clay.
2. Study of the Antique in charcoal and clay; Drawing from life—heads and costumed figure.
3. Study from life; Composition and sketching.

Lectures on Perspective, Composition, Decoration, and Theory of Art, with current art topics, are included in the courses.

A course in elementary drawing is required of all regular students.

PAINTING.—

1. Painting from still life; Outdoor sketching. (*a*) Lectures on Philosophy of painting, and history of Greek, Roman, and early Italian Painting. (*b*) Lectures on History of Dutch, German, and English Schools.
2. Painting from still life and exercises in Composition. (*a*) Lectures on later Italian Painting, and Flemish and Spanish Schools. (*b*) Lectures on History of French School, and on Painting in America.
3. Painting from still life. Outdoor sketching.

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the College. Her heart and lungs are tested and information is solicited concerning her habits and general health. Careful measurements are taken in accordance with the system recommended by the American Association for the Advancement of Physical Education.

Practice in the gymnasium begins with the College year, Dr. Sargent's system of educational gymnastics being used. Every precaution is taken to secure the best development and promote the health of the students.

CURRICULUM.

NOTE.—Numerals indicate the number of exercises per week. Subjects printed in italics are elective. No student is allowed more than fifteen hours per week. A *full course* of study comprises four exercises a week during one term. Forty-two full courses are required as the minimum for graduation.

FRESHMAN YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Latin, 4. Greek, 4. Higher Algebra, 3. Rhetoric, 1. American Lit. Lectures, 1. Bible, 1.	French, 4. German, 4. Higher Algebra, 3. Rhetoric, 1. Drawing, 1. Bible, 1.	Latin, 4. *French or German, 4. Grecian History, 2. Rhetoric, 1. American Lit. Lectures, 1. Drawing, 1. Bible, 1.
WINTER TERM.	Latin, 4. Greek, 3. Geometry, 4. Rhetoric, 1. Drawing, 1. Bible, 1.	French, 4. German, 4. Geometry, 4. Rhetoric, 1. Bible, 1.	French or German, 4. Geometry, 4. English Literature, 2. Roman History, 2. Rhetoric, 1. Bible, 1.
SPRING TERM.	Latin, 5, Greek, 3. Trigonometry, 4. Rhetoric, 1. Bible, 1.	French, 4. German, 4. Trigonometry, 4. Rhetoric, 1. Bible, 1.	Latin, 4. French or German, 4. English Literature, 2. Early Mediæval History, 2. Rhetoric, 1. Bible, 1.

*Language required is the one not offered at entrance.

SOPHOMORE YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Greek, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *French*, 4. *German*, 4. *Analytic Geometry*, 3. *Anglo-Saxon*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Botany, 2. Analytic Geometry, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French, 2. German, 2. Anglo-Saxon, 2. Later Mediæval History, 3. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Latin*, 2. *Anglo-Saxon*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
WINTER TERM.	Latin, 3. Greek, 3. Greek History, 2. Rhetoric, 1. Elocution, 1. Bible, 1. *French*, 4. *German*, 4. *Analytic Geometry*, 3. *Chemistry*, 3. *Microscopic Technique*, 2. *Anglo-Saxon*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Scientific French or German, 2. Analytic Geometry, 3. Chemistry, 3. Botany, 2. Rhetoric, 1. Elocution, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Greek History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French, 2. German, 2. Anglo-Saxon, 2. Chemistry, 4. Rhetoric, 1. Elocution, 1. Bible, 1. *Plane Trigonometry*, 2. *Latin*, 2. *History of Mediæval Church*, 2. *Microscopic Technique*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
SPRING TERM.	Physics, 4. Botany, 2. Roman History, 2. Rhetoric, 1. Physiology, Lectures, 2. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 3. *German*, 3. *Chaucer*, 2. *Theory of Equations*, 2. *Botany*, 2. *Qualitative Analysis*, 2. *Mineralogy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Mineralogy, 2. Scientific French or German, 2. Theory of Equations, 2. Botany, 2. Physiology, Lectures, 2. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Qualitative Analysis*, 2. *Roman History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	French, 2. German, 2. English, Chaucer, 2. Botany, 2. Rhetoric, 1. Physiology, Lectures, 2. Bible, 1. *Latin*, 2. *Spherical Trigonometry*, 2. *Botany*, 2. *Chemistry*, 2. *Anglo-Saxon*, 2. *Development of English Language*, 1. *Mineralogy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

JUNIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Botany, 2. Zoölogy, 2. History, 2. English Literature, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Italian*, 2. *Spanish*, 2. *Calculus*, 2. *Chemistry*, 2. *Physics*, 2. *Botany*, 2. *Zoölogy*, 2. *Theory of Rhetoric*, 1. *Drawing*, 2. *Painting*, 2. *Music*, 2. *Elocution*, 1.	Mechanics, 2. Zoölogy, 2. Geology, 2. English Literature, 4. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Chemistry*, 2. *Botany*, 2. *Zoölogy*, 2. *History*, 2. *Drawing*, 2. *Painting*, 2. *Music*, 2. *Elocution*, 1.	French, 2. German, 2. Botany, 2. History of Europe, Renaissance to 1815, 2. Logic, 2. Rhetoric, 1. Bible, 1. *Early English*, 2. *Latin*, 2. *Greek*, 2. *Anglo-Saxon*, 2. *Spanish*, 2. *Italian*, 2. *Analytic Geometry*, 3. *Chemistry*, 2. *Physics*, 2. *Zoölogy*, 2. *Theory of Rhetoric*, 1. *Drawing*, 2. *Painting*, 2. *Music*, 2. *Elocution*, 1.
WINTER TERM.	History, 3. Logic, 2. Rhetoric, 1. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Spanish*, 2. *Italian*, 2. *English Literature*, 2. *Constitutional and Political History of Eng.*, 2. *History of Mediæval Church*, 2. *Calculus*, 2. *Chemistry*, 2. *Physics*, 2. *Botany*, 2. *Zoölogy*, 2. *Physiology*, 2. *Theory of Rhetoric*, 1. *Music*, 2. *Drawing*, 2. *Painting*, 2. *Elocution*, 1.	Physics, 4. History, 4. Logic, 2. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *English Literature*, 2. *Physiology*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2. *Elocution*, 1.	French or German, 2. History of Europe since 1815, 2. English Masters, Prose, 4. Rhetoric, 1. Bible, 1. *Latin*, 2. *German*, 2. *French*, 2. *Spanish*, 2. *Italian*, 2. *Analytic Geometry*, 3. *Chemistry*, 2. *Astronomy*, 1. *Botany*, 2. *Zoölogy*, 2. *Physiology*, 2. *Theory of Rhetoric*, 1. *Constitutional and Political History of Eng.*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2. *Elocution*, 1.

JUNIOR YEAR.—Continued.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
SPRING TERM.	Astronomy, 4. Geology, 2. History, 2. Bible, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Spanish*, 2. *Italian*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Theory of Rhetoric*, 2. *Constitutional and Political History of U. S.*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Astronomy, 4. Physics, 3. Geology, 2. Rhetoric, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *History*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Constitutional and Political History of U. S., 2. English Masters, Poetry, 4. English Drama, 1. Rhetoric, 1. Bible, 1. *Latin*, 2. *French*, 2. *German*, 2. *Spanish*, 2. *Italian*, 2. *Geology*, 2. *Astronomy*, 4. *Physics*, 4. *Biology*, 2. *Chemistry*, 2. *Theory of Rhetoric*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

SENIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Psychology, 4. History of Art, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Psychology, 4. History of Art, 4. Rhetoric, 1. Physiology, 1. Theism and Christian Evidences, 1. *Greek*, 2. *Latin*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Psychology, 4. History of Art, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

SENIOR YEAR.—Continued.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
WINTER TERM.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *Ancient Literature*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *Ancient Literature*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *Ancient Literature*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.
SPRING TERM.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Masters*, 4. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Masters*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Latin*, 2. *Greek*, 2. *French*, 2. *German*, 2. *Mathematics*, 2. *International Law*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Literature, Victorian (Seminary Method)*, 2. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2. *Music*, 2. *Drawing*, 2. *Painting*, 2.

SPECIAL STUDENTS.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the College classes without entrance examinations. Opportunity is also offered to graduates of other colleges who desire to pursue a special line of advanced study.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for *special* work may be accommodated in the building as far as possible. If not thus provided for, board may be obtained in private families at an expense varying from $4 to $6 per week.

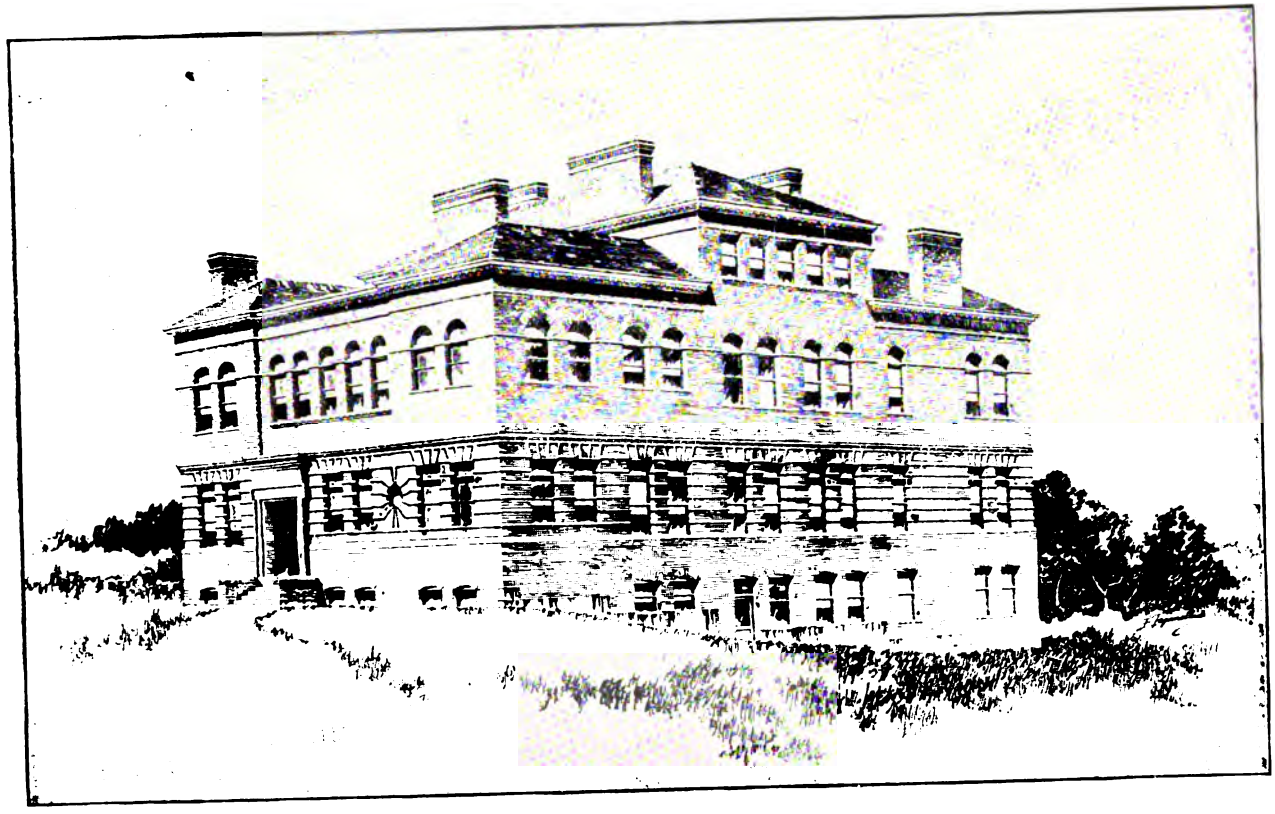
DEGREES.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive the degree of Bachelor of Science.

Those who complete the Literary Course receive the degree of Bachelor of Literature.

The degree of A.M. requires a full year's resident study under the direction of the Faculty after the first degree has been conferred.



HALL FOR CHEMISTRY AND PHYSICS.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis courts. A grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook, are in the rear of the buildings. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the footpath and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and electric lighting, while an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

Two cottages used as dormitories accommodate a limited number of students.

LIBRARY AND READING-ROOM.—The library is a fire-proof building, connected by a corridor with the main edifice. There are at present about fifteen thousand books on the shelves to which the students have direct access, aided by a card catalogue, a classified index, and other helps. The library annex furnishes room for twenty-five thousand additional volumes.

The commodious reading-room is liberally supplied with the leading papers and periodicals, both American and foreign.

WILLISTON HALL.—The art gallery occupies the upper floor of this building, including a central hall with adjacent rooms. Among its treasures are paintings by Bierstadt, Edwin White, George Inness, Robert Kluth, and other well known American artists.

The old masters are represented by copies from Giotto, Fra Angelico, Raphael, Titian, Guido Reni, Domenichino, Rembrandt, and others. The History of Art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

Among the latest additions to the art gallery is the costly French publication of the Sidon Sarcophagi, the generous gift of Mrs. Cora Welch van

Millingen, of the class of '59. The handsome folio plates, fifty in number, some of them in colors, richly demonstrate the beautiful effects of polychrome decoration in relief sculpture, as practiced by the Greeks.

On the second floor of Williston Hall are class rooms for several departments, the geological and mineralogical cabinets, and the zoölogical museum.

The laboratories and lecture rooms of Botany and Zoölogy are on the first floor, as are the herbarium and botanical museum. The latter contains representative collections of woods, seeds, seed-vessels, and a valuable economic collection. The working library common to the two departments adjoins the laboratories and contains upwards of eight hundred carefully selected works of reference and the more important periodicals. The laboratories are large, well lighted, and equipped with microscopes, microtomes, charts, models, and other apparatus necessary to practical work; each table is furnished with appliances for running water after Göttingen laboratory models. In the basement are preparation rooms and the aquarium for the observation of living animals and study of aquatic plants.

BOTANIC GARDEN.—The botanic garden, covering about one acre, occupies the slope toward the lake, east of Williston Hall, and is easily accessible to the laboratories; it adds materially to the facilities for botanical work, especially in cultivated aquatic plants in the series of artificial ponds lately added. A small plant house gives winter shelter to foreign plants and increases the range of types studied.

HALL FOR CHEMISTRY AND PHYSICS.—A new building for Chemistry and Physics has just been completed north of Williston Hall. The physical Laboratory on the ground floor has a spacious lecture room, laboratories fitted with ample wall tables supported by brackets, a constant temperature room, dark rooms, apparatus room, library, and study. An experiment room for independent work of students is also provided.

The chemical laboratory fills the second and third stories with its fine appliances for work. Its lecture and preparation room, study and library, qualitative, quantitative, organic, and general laboratories, and room for advanced work, meet the demands for investigation in theory and practice.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.—The John Payson Williston Observatory contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

EXPENSES.

The price of tuition for all students, regular and special, is $75 for the year, and board $175. This includes lectures, steam heating, and electric lights. One half the sum, $125, is to be paid the first Monday of the fall term, Sept. 17, and $125 the first Monday of the second term, Jan. 7. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

For instruction in music, see page 19. An extra charge is made for laboratory fees, washing, and meals sent to rooms.

The College building is closed during the vacations.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than eight dollars per week for the time spent at the Institution. No deduction will be made for absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship of $1,000, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary M. Stevens Scholarship of $5,000, established in 1889, by Mary M. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

FAMILY ARRANGEMENTS.

Every student is expected to share in the care of the family. The time necessary for this service does not exceed fifty minutes daily.

Recreation time extends from Tuesday evening through Wednesday, but does not include Wednesday evening.

Calls are not received on the Sabbath.

Attendance at the Sabbath morning service is required.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets for single bed, pillow-cases, and one pair of blankets; also two teaspoons and a dessert spoon. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Books and stationery can be purchased at the Institution on reasonable terms.

RAILWAY, TELEGRAPHIC, AND TELEPHONIC CONNECTIONS.

Mount Holyoke College is located at South Hadley, Mass., four miles from Holyoke, where stages connect with the express trains of the Boston and Maine Railway.

Stages also connect at Smith's Ferry, two miles from the College, with accommodation trains of the Boston and Maine Railway except during the winter months.

Tickets can be bought or baggage checked to Holyoke or Smith's Ferry from all principal points.

The Post Office and Express address of the College is South Hadley, Mass.

The Institution is connected with long distance telephone.

Western Union telegrams should be addressed South Hadley, Mass.; for the Telegraph Company have an arrangement whereby telegrams are telephoned to the College from Holyoke free of expense.

STUDENTS.

SENIOR CLASS.

ABBOT, FANNY HOLMES, **C.***	East Orange, N. J.
ALLYN, ELEANOR, **C.**	Lyme, Conn.
AYRES, FRANCES C., **S.**	Peoria, Ill.
BACON, IMOGENE, **S.**	S. Glastonbury, Conn.
BARBER, HARRIET A., **C.**	Seymour, Conn.
BEARE, CORNELIA, **L.**	New York City.
BEMIS, LEIGH JEANNETTE, **C.**	Shrewsbury.
BLAKE, CLARA L., **C.**	Nashua, N. H.
BRIERLY, ADDIE ORRILLA, **L.**	New Brighton, Penn.
BRIERLY, ELLA THOMPSON, **L.**	New Brighton, Penn.
BUDD, SARAH ROWAND, **C.**	Mount Holly, N. J.
BUNNELL, ELIZABETH H., **C.**	Tunkhannock, Penn.
DEANS, GERTRUDE AGNES, **L.**	West Medway.
DURGIN, CORA A., **S.**	Worcester.
FERRIN, ELLA L., **L.**	South Deerfield.
FOSTER, ANNIE GERTRUDE, **L.**	Westerly, R. I.
FOWLER, ELIZABETH BELL, **C.**	Biddeford, Me.
FROST, CAROLINE ELIZABETH, **C.**	Methuen.
GIFFORD, GRACE, **S.**	Jamestown, N. Y.
GLEN, CATHERINE YOUNG, **L.**	Elizabeth, N. J.
GOODALE, SOPHIA BUSHNELL, **L.**	New York City.
GORDON, MARY, **L.**	Portland, Conn.
HAYES, EDITH PARSONS, **C.**	Holyoke.
HOLBROOK, BERTHA E., **L.**	Morrisville, Vt.
HOUGHTON, BERTHA RAWSON, **L.**	Worcester.
HOWE, GRACE BEAMAN, **L.**	North Hadley.
HOWELL, ELIZABETH MARIA, **L.**	Blairstown, N. J.
JONES, BESSIE LEE, **L.**	Chatham, N. Y.
KANE, ELIZABETH GALLOWAY, **C.**	Waterbury, Conn.
KNOWLES, RUTH MAY, **S.**	East Orleans.
LYON, MARTHA, **S.**	Morrisville, Vt.
MCGILL, MARGARET, **C.**	Dover.
MOODY, JULIA ELEANOR, **S.**	Chicago, Ill.
MORSE, EMMA DORINDA, **C.**	St. Johnsbury, Vt.
MOSHER, RHENA E., **S.**	Westfield, N. Y.
OSGOOD, LUCY ROYAL, **C.**	Ellsworth, Me.

*L., Literary Course; S., Scientific Course; C., Classical Course.

PATTANGALL, KATE HAYDEN, **C.**	Pembroke, Me.
SMITH, KATE WINNIFRED, **C.**	Middlefield.
SMITH, MABEL ESTHER, **C.**	Palmer.
STANLEY, IRENE, **L.**	Goldsboro, N. C.
STOWE, MABEL ELIZABETH, **L.**	West Brattleboro, Vt.
STRONG, MABEL DEEN, **L.**	Philadelphia, Penn.
STRYKER, MINNIE, **C.**	Flemington, N. J.
TENNEY, CHARLOTTE LUCY, **L.**	Morrisville, Vt.
WEEKS, ANGELINA L., **C.**	Gorham, Me.
WHITE, CAROLINE L., **C.**	Brookline.
WILCOX, ALICE MIRIAM, **S.**	Meriden, Conn.
WRIGHT, ALICE COOKE, **L.**	Bridge Hampton, N. Y.

JUNIOR CLASS.

BARTHOLOMEW, ELLEN E., **S.**	Ansonia, Conn.
BEEDE, ALICE GERTRUDE, **C.**	Centre Sandwich, N. H.
BLAKE, ETHEL WINTHROP, **L.**	Westfield.
BLISS, SERAPH ANNIE, **S.**	Lebanon, Conn.
BLUNT, KATE MARION, **L.**	Haverhill.
BOND, VIOLET RUSSELL, **L.**	Monastir, Macedonia.
BRIGGS, ELLA MARION, **S.**	Shelton, Conn.
BROWN, ALICE E., **L.**	Groton, Conn.
BROWN, ALICE WEBBER, **L.**	Palmer.
BRUCE, SARA S., **C.**	Beaver, Penn.
BRYANT, FLORENCE MARION, **L.**	Morrisville, Vt.
CLARK, MARY LUELLA, **C.**	Worcester.
COTTON, ETHEL HAMILTON, **S.**	Portsmouth, O.
DAVIS, EVELYN HOOKER, **S.**	Gardiner, Me.
DRESSER, ANNIE SLOSSON, **C.**	Richmond Furnace.
FENNO, AMANDA D., **L.**	Portland, Me.
GAYLORD, CASSIE E., **C.**	South Hadley.
GOODRICH, MARY AUGUSTA, **L.**	Delhi, N. Y.
GREELEY, FLORENCE PRISCILLA, **L.**	Lowville, N. Y.
HALL, ALICE UNDERWOOD, **S.**	Chicago, Ill.
HALL, MARTHA SNELL, **C.**	Jamestown, N. Y.
HALSEY, ANNIE SHERMAN, **S.**	North Paterson, N. J.
HARLOW, PERSIS B., **S.**	Red Beach, Me.
HAYNES, FRANCES E., **L.**	Fitchburg.
HERRICK, MINNIE TYLER, **S.**	Constantinople, Turkey.
HOLMES, ALICE MARY, **S.**	Eastport, Me.
HYDE, ELIZABETH HITCHCOCK, **C.**	Ware.
KEITH, SARAH EMMA, **S.**	Braintree.
KELLOGG, EFFIE LOUISE, **C.**	Granby.
LAKE, MARGARET BELLE, **L.**	Rockville, Conn.
LEAVITT, MARION FAY, **C.**	Melrose.
MESERVE, ELIZABETH E., **S.**	Vassalboro, Me.
NORTH, EVA METCALF, **L.**	Chicago, Ill.

NYE, GRACE, **S.**	Hiawatha, Kan.
OSBORNE, ELLA LOUISE, **L.**	LaCrosse, Wis.
PARSONS, ANGIE ESTELLE, **C.**	South Hadley Falls.
POST, MARY AGNES, **C.**	Clinton, N. Y.
ROBINSON, ALICE M., **C.**	New Castle, Me.
ROBINSON, MARY BELLE, **L.**	Bangor, Me.
ROOT, HELENA CAROLINE, **L.**	Thomaston, Conn.
RUNNETTE, GRACE, **L.**	Pittsburgh, Penn.
SANDERSON, LYDIA ELIZABETH, **C.**	Cleveland, O.
SARGENT, MARTHA A., **C.**	West Boylston.
SAVAGE, MARIETTA I., **L.**	New Haven, Conn.
SCHWENDLER, SADIE, **C.**	Rochester, N. Y.
SEARLE, CLARA PRENTISS, **C.**	Westfield.
SMITH, ELSIE FLORENCE, **L.**	Brooklyn, N. Y.
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SCUDDER, ISABELLE	Asbury Park, N. J.
TAKAHASHI, CHIKA	Tokyo, Japan.

SUMMARY OF STUDENTS.

COURSES.

CLASSICAL,	109
SCIENTIFIC,	58
LITERARY,	111
SPECIAL,	22
TOTAL,	300

RESIDENCE.

The United States:	
Connecticut,	49
District of Columbia,	1
Illinois,	9
Kansas,	3
Maine,	24
Maryland,	1
Massachusetts,	67
Michigan,	1
Missouri,	2
New Hampshire,	12
New Jersey,	17
New York,	41
North Carolina,	1
Ohio,	12
Pennsylvania,	19
Rhode Island,	5
Vermont,	23
Virginia,	1
Wisconsin,	4
Texas,	1
Utah,	1
Washington,	1
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Macedonia,	1
Turkey,	1
Japan,	3
	300

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Orders for the *History of Mount Holyoke Seminary*, published in 1887, and for the *General Catalogue* of the officers and students from 1837 to 1889, may be addressed, Mount Holyoke College, South Hadley, Mass. The price of the *History* is $2.00, or $2.25 if sent by mail or express prepaid. The price of the *General Catalogue* by mail is 75 cents.

A copy of the Annual will be sent to any Mount Holyoke student who will forward her address early in the year.

As the Memorandum Society has been discontinued, a quinquennial will be issued June, 1895. All who have been students at the Institution are requested to send their names when students, and present address with date of any change, to Miss Caroline B. Greene. They are also requested to send changes in the record of others during the last five years.

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I give, devise, and bequeath to Mount Holyoke College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

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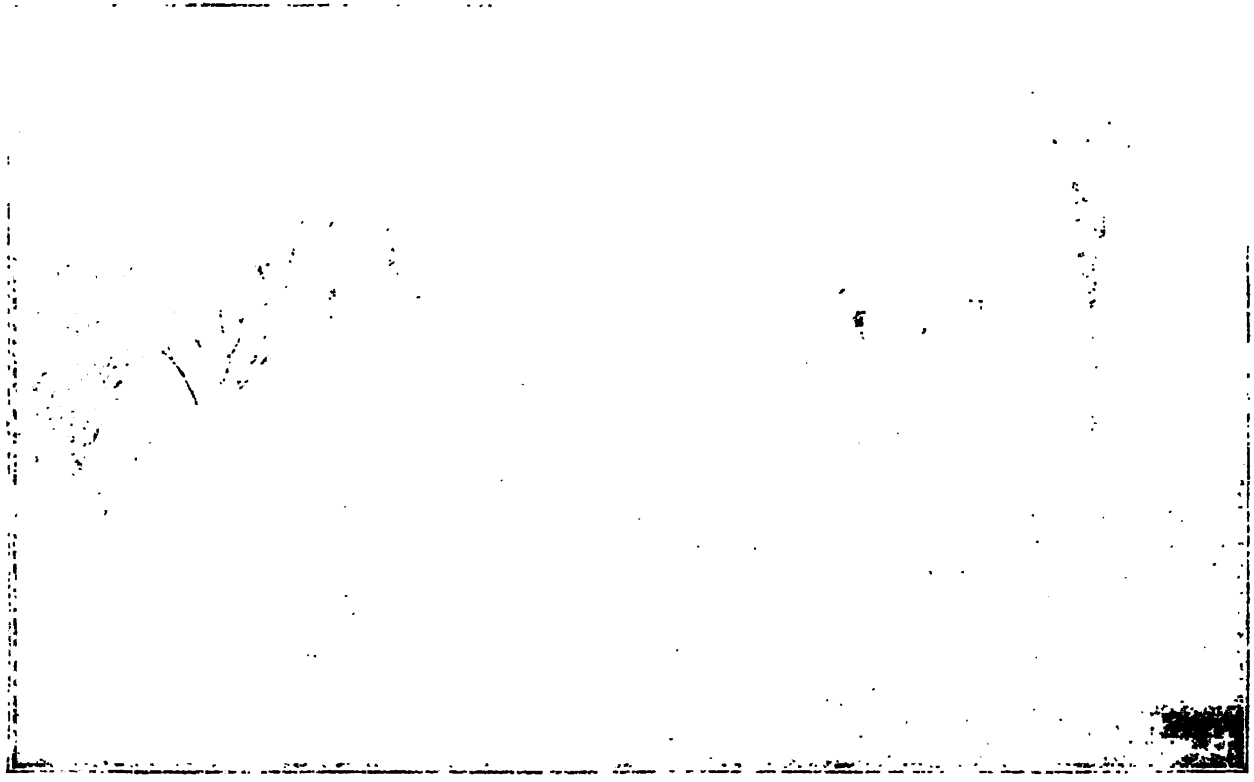

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ANNUAL

OF

MOUNT HOLYOKE COLLEGE

IN

SOUTH HADLEY, MASS.

1894-1895.

PUBLISHED BY

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MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

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Spring Vacation,	March 27 to April 11, 1895.
Baccalaureate Sermon,	Sunday, June 16, 1895.
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" 2.45 P. M., English and Rhetoric.
" 7 P. M., Ancient History.
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" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 4 P. M., Physics.
" 7 P. M., Botany.
" 7 P. M., English History.
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" 10.45 A. M., Vergil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

All students should register in the office of the Registrar immediately on arrival.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

MATHEMATICS.—College Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent; Cæsar, Gallic War, four books; Cicero, Seven Orations; Vergil's Æneid, six books. The *Roman Pronunciation* is used.

GREEK.—Greek Grammar; Jones's Greek Prose Composition; Xenophon's Anabasis, four books; Homer's Iliad, three books.

HISTORY of the United States.

ANCIENT HISTORY.—Myer's History of the Eastern Nations and Greece to the death of Alexander, and Allen's History of the Roman people to the death of Marcus Aurelius, or equivalents.

ENGLISH.—Diction, figures, sentences, and paragraphs; Letter writing; Abstracts; Paraphrases; Construction of Plans. Genung's High School Rhetoric or Mrs. Lockwood's, with Carpenter's Revision of Strang's Exercises in English Composition.

In 1895 subjects for writing will be given from Shakespeare's Merchant of Venice and Twelfth Night, Milton's L'Allegro, Il Penseroso, Comus and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverley Papers in The Spectator, Macaulay's Essays on Milton and Addison, Webster's First Bunker Hill Oration, Irving's Sketch Book, Scott's Abbot.

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SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

ELEMENTARY BOTANY. — Spalding's Introduction to Botany, or an equivalent; Plant Determination.

ELEMENTARY PHYSICS.—Avery's Elements of Natural Philosophy, or an equivalent.

FRENCH OR GERMAN.

FRENCH.—Grammaire; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bôcher's College Plays; Two Books of Modern Prose Writers; Esther, Racine; Le Cid, Corneille.

GERMAN.—Otto's Elementary Grammar; Das deutsche Buch, van Daell; Lyric Poems and Ballads memorized; Brandt's German Reader; Narrations; Memorizing; Composition; German Exercises (Stein); Fluch der Schonheit, Spielmanns Kind, Riehl; L'Arrabiata Heyse.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required but may be offered in place of one of the modern languages.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following additions:—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required but may be offered in place of one of the modern languages.

ENTRANCE EXAMINATIONS.

Entrance examinations take place at the College, June 4, 5, and 6, or September 10, 11, and 12, 1895.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, Garden City, N. Y., Bangor, Me., and Boston. Any candidate desiring to take examinations in these places or elsewhere, in June, should communicate with the President before May, 1895. A fee will be charged for examinations given outside the College.

Examination in preliminary subjects, Ancient and English History, History of the United States, Latin Grammar, Cæsar, Greek Grammar

and Anabasis, may be taken at any time before entering College. Examinations in all other subjects must be taken within a year of entrance.

ENTRANCE CERTIFICATES.

The Principal of a preparatory school from which a student wishes to enter on certificate in September may apply for a place on our list of accredited schools, not later than June 1. In response to such application, a blank form will be sent which is to be filled out by the Principal and returned with a prospectus of the school.

A place on the accredited list of schools is given for the first year on trial. If the first students prove satisfactory, the right to the position will be continued for a period not exceeding three years.

The Principal of the preparatory school must present a certificate of scholarship for each applicant. Blank forms will, on application, be sent to the Principal.

All certificates of scholarship must be forwarded to the College before June 15, unless special arrangements have been made with the Board of Examiners.

Examinations in preparatory subjects, *i. e.*, Arithmetic (including the metric system), Geography (Physical and Political), History (Greek, Roman, English, United States), Latin Grammar, Cæsar (4 books), Greek Grammar and Anabasis (4 books), may be held at any time before entering College. Examinations on all other subjects must be held within a year of entrance. The preparation must cover in full the requirements stated in our College Annual.

The student must be prepared for examination in all subjects not covered by the certificate. In all doubtful cases the teacher is requested to throw the responsibility of the examination upon the College.

Applicants will not be admitted if conditioned in more than two subjects or heavily conditioned in *one* of the following: Mathematics, Latin, Greek, French, German.

Students admitted by certificate are on probation during the first year.

Communications relating to admission may be addressed to the President. No students are admitted under sixteen years of age.

EXAMINATIONS IN STUDIES OF THE COURSE.

Examination for advanced standing or in conditioned subjects may be taken at the College at the time of entrance examinations, June 4–7 or September 10–13, and at the close of each term.

COURSES OF STUDY.

ANCIENT CLASSICS.

LATIN.—

1. Cicero's De Senectute and De Amicitia; Livy, Books XXI. and XXII.; Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica; Prose Composition based on the text of Cicero and Livy; Sight reading and translation.
2. Tacitus, Germania and Agricola.
3. Pliny's Letters; Plautus.
4. Terence; Juvenal; Cicero de Natura Deorum.
5. Cicero de Immortalitate; Lucretius; Quintilian.

Courses 1 and 2 are required for the degree of B.A. A course of two terms is required for the degree of B.L.

GREEK.—

1. Herodotus; Odyssey; Thucydides; Exercises in Prose Composition.
2. Plato's Apology and Crito; Demosthenes on the Crown.
3. Drama: (*a*) Rise and Development of the Drama; (*b*) Reading of one Drama.
4. Selected Dramas; Greek Testament; Study of Life and Monuments of Ancient Greece.
5. Selections from Plato; Lyric Poetry; Selections from Attic Orators.

Courses 1 and 2 are required for degree of B.A.

Mount Holyoke College contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages.

ANCIENT AND MEDIÆVAL LITERATURE.—The course includes a comprehensive outline of Oriental and Classical literature, with the critical analysis of a few masterpieces, as presented in the best English version. Readings from the Homeric poems are followed, in connection with the works of Mure, Müller, and others, and with reference to the latest archæological discoveries. The Greek drama is considered, the plan and structure of the ancient theater, as defined through recent excavations, and representative plays are read and discussed by the class. Similar outline studies are offered in mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.

FRENCH.—

1. Grammaire: Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes: George Sand, Sandeau, Souvestre, Toepffer. Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle: Petit de Julleville, Albert. Chansons de geste, Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
2. Histoire de la Littérature du XVIIème siècle. Corneille: Le Cid, Cinna, Horace, Polyeucte. Guizot: Corneille et son temps. Sainte-Beuve, J. Lemaître, Faguet. Romanciers réalistes: H. Balzac, P. Mérimée, Stendhal.
3. Racine; Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau: Satires, L'Art poétique. Poëtes romantiques: Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.
4. Sainte-Beuve: Femmes célèbres. Molière: L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard: Le Joueur. Histoire de la Littérature du XVIIème siècle.
5. Philosophes du XVIIIème siècle: Voltaire, J. J. Rousseau, d'Alembert, Diderot, etc. Écoles philosophiques: Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École romantique; Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.
6. Poésie et Théâtre du XIXème siècle: Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers réalistes: A. Daudet, G. Flaubert. Romanciers naturalistes: E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.
7. Old French: Marie de France: Fabliaux; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral: Mirèio, Nerto.
8. Français scientifique; French Popular Science by Jules Luquiens; L'Année scientifique et industrielle par L. Figuier; Revue scientifique (Revue rose).

Study of Grammar, Essays, Compositions, based on books read throughout the course; Memorizing prose and poetry; Sight-reading, Lectures.

GERMAN.—

1. Otto's Elementary Grammar; Das deutsche Buch, van Daell; Lyric Poems and Ballads memorized; Brandt's German Reader; Narrations; Memorizing; Composition; German Exercises (Stein); Fluch der Schonheit, Spielmanns Kind, Riehl; L'Arrabiata Heyse.

2. Prose Composition, Fasnacht; Syntax; Narrations.
3. Minna von Barnhelm; Tagebuch eines armen Fräuleins, Nathusius; Geschichte der deutscheh Nationallitteratur, Kluge.
4. Jungfrau von Orleans, Schiller; Schiller's Poems; Life of Schiller.
5. Emilia Gallotti, Lessing; Hermann und Dorothea, Goethe. Outlines, Résumés, Character-sketches.
6. Egmont; Iphigenia; Life of Goethe.
7. Faust—Thomas, Schröer, von Löpel, Düntzer; History of German Literature, Contemporary Authors. Goethe's Relation to Wieland, Herder, Schiller, and the Romanticists.
8. Seminary, meets twice weekly. The members will in turn present papers upon and discuss: Der arme Heinrich, Hartmann von Aue; Prinz von Homburg, H. von Kleist; Ekkehard, Scheffel; Niebelungenlied; Dichtung und Wahrheit, Goethe; Novels, Riehl.
9. Die Quitzows, E. von Wildenbruch; Letters of Moltke, Speeches of Bismarck.
10. Scientific German: Über Bakterien, Cohn; Über Goethe's Naturwissenschaftliche Arbeiten, Helmholz; Das Protoplasma, Strassburger; Welche Auffassung der lebenden Natur ist die richtige? v. Baer; Der jetzige Stand der morphologischen Disciplinen, Kölliker; Zur Charakteristik der Forschungswege von Lamarck und Darwin; Arnold Lang.
11. Private Readings: Auerbach, Riehl, Heyse, Schiller, Hauff.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

SPANISH.—

Método Berlitz; Conversation and exercises. Reading: Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Galdós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

MATHEMATICS.

1. (*a*) Higher Algebra; (*b*) Solid and Spherical Geometry; (*c*) Plane and Spherical Trigonometry.
2. (*a*) Plane Analytic Geometry; (*b*) Theory of Equations.
3. (*a*) Differential Calculus; (*b*) Integral Calculus.
4. (*a*) Solid Analytic Geometry; (*b*) Differential Equations; (*c*) Analytic Mechanics.

Courses 1 and 2 are required for degree of B.S. Course 1 for degree of B.A. Course 1 (*b*) for degree of B.L.

SCIENCE.

CHEMISTRY.—

1. Elementary General Chemistry. Lectures, recitations, and laboratory work.
2. General Chemistry, non-metals only. Lectures, recitations, and laboratory work.
3. Continuation of study of the non-metals, and study of the metals. Must be preceded by Course 2.
4. Qualitative Analysis. Must be preceded by Course 3.
5. Continuation of Course 4. Special attention paid to blowpipe work, and to short methods with dry salts.
6. Quantitative Analysis, mainly gravimetric.
7. Continuation of Course 6, mainly volumetric.
8. Organic Chemistry: Fatty Group. Must be preceded by at least three courses in Chemistry.
9. Continuation of Course 8: Carbohydrates.
10. Continuation of Course 9: Aromatic Group.
11. Historical and Theoretical Chemistry.

Courses 2 and 3 are required for degree of B.S. Course 2 is required for degree of B.A. Course 1 is required for degree of B.L. Those preparing to teach Chemistry who cannot devote more than two years to the study should take Courses 2, 3, 4, 6, 8, and 10.

MINERALOGY.—

1. Description with identification and classification of specimens, also study of Crystallography with glass models and others.
2. Further study of Crystallography and Petrography with use of microscope and polarizer; also the preparation of rock sections with the section-cutter. There is a well equipped cabinet for the study of Lithology.

Course 2 must be preceded by Course 1. Course 1 is required for degree of B.S.

GEOLOGY.—

1. Physiographic and Dynamical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States prepared by Professor Hitchcock of Dartmouth College.
2. Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

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" 4 P. M., Physics.
" 7 P. M., Botany.
" 7 P. M., English History.
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" 10.45 A. M., Vergil.
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Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

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LITERARY COURSE.

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Students admitted by certificate are on probation during the first year.

Communications relating to admission may be addressed to the President. No students are admitted under sixteen years of age.

EXAMINATIONS IN STUDIES OF THE COURSE.

Examination for advanced standing or in conditioned subjects may be taken at the College at the time of entrance examinations, June 4–7 or September 10–13, and at the close of each term.

COURSES OF STUDY.

ANCIENT CLASSICS.

LATIN.—

1. Cicero's De Senectute and De Amicitia; Livy, Books XXI. and XXII.; Horace, Selected Odes and Satires, Carmen Sæculare, Ars Poetica; Prose Composition based on the text of Cicero and Livy; Sight reading and translation.
2. Tacitus, Germania and Agricola.
3. Pliny's Letters; Plautus.
4. Terence; Juvenal; Cicero de Natura Deorum.
5. Cicero de Immortalitate; Lucretius; Quintilian.

Courses 1 and 2 are required for the degree of B.A. A course of two terms is required for the degree of B.L.

GREEK.—

1. Herodotus; Odyssey; Thucydides; Exercises in Prose Composition.
2. Plato's Apology and Crito; Demosthenes on the Crown.
3. Drama: (*a*) Rise and Development of the Drama; (*b*) Reading of one Drama.
4. Selected Dramas; Greek Testament; Study of Life and Monuments of Ancient Greece.
5. Selections from Plato; Lyric Poetry; Selections from Attic Orators.

Courses 1 and 2 are required for degree of B.A.

Mount Holyoke College contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages.

ANCIENT AND MEDIÆVAL LITERATURE.—The course includes a comprehensive outline of Oriental and Classical literature, with the critical analysis of a few masterpieces, as presented in the best English version. Readings from the Homeric poems are followed, in connection with the works of Mure, Müller, and others, and with reference to the latest archæological discoveries. The Greek drama is considered, the plan and structure of the ancient theater, as defined through recent excavations, and representative plays are read and discussed by the class. Similar outline studies are offered in mediæval Italian, German, and Norse writings.

MODERN LANGUAGES.

FRENCH.—

1. Grammaire: Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes: George Sand, Sandeau, Souvestre, Toepffer. Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle: Petit de Julleville, Albert. Chansons de geste, Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
2. Histoire de la Littérature du XVIIème siècle. Corneille: Le Cid, Cinna, Horace, Polyeucte. Guizot: Corneille et son temps. Sainte-Beuve, J. Lemaître, Faguet. Romanciers réalistes: H. Balzac, P. Mérimée, Stendhal.
3. Racine; Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau: Satires, L'Art poétique. Poëtes romantiques: Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.
4. Sainte-Beuve: Femmes célèbres. Molière: L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard: Le Joueur. Histoire de la Littérature du XVIIème siècle.
5. Philosophes du XVIIIème siècle: Voltaire, J. J. Rousseau, d'Alembert, Diderot, etc. Écoles philosophiques: Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École romantique; Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.
6. Poésie et Théâtre du XIXème siècle: Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers réalistes: A. Daudet, G. Flaubert. Romanciers naturalistes: E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.
7. Old French: Marie de France: Fabliaux; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral: Mirèio, Nerto.
8. Français scientifique; French Popular Science by Jules Luquiens; L'Année scientifique et industrielle par L. Figuier; Revue scientifique (Revue rose).

Study of Grammar, Essays, Compositions, based on books read throughout the course; Memorizing prose and poetry; Sight-reading, Lectures.

GERMAN.—

1. Otto's Elementary Grammar; Das deutsche Buch, van Daell; Lyric Poems and Ballads memorized; Brandt's German Reader; Narrations; Memorizing; Composition; German Exercises (Stein); Fluch der Schonheit, Spielmanns Kind, Riehl; L'Arrabiata Heyse.

2. Prose Composition, Fasnacht; Syntax; Narrations.
3. Minna von Barnhelm; Tagebuch eines armen Fräuleins, Nathusius; Geschichte der deutschen Nationallitteratur, Kluge.
4. Jungfrau von Orleans, Schiller; Schiller's Poems; Life of Schiller.
5. Emilia Gallotti, Lessing; Hermann und Dorothea, Goethe. Outlines, Résumés, Character-sketches.
6. Egmont; Iphigenia; Life of Goethe.
7. Faust—Thomas, Schröer, von Löpel, Düntzer; History of German Literature, Contemporary Authors. Goethe's Relation to Wieland, Herder, Schiller, and the Romanticists.
8. Seminary, meets twice weekly. The members will in turn present papers upon and discuss: Der arme Heinrich, Hartmann von Aue; Prinz von Homburg, H. von Kleist; Ekkehard, Scheffel; Niebelungenlied; Dichtung und Wahrheit, Goethe; Novels, Riehl.
9. Die Quitzows, E. von Wildenbruch; Letters of Moltke, Speeches of Bismarck.
10. Scientific German: Über Bakterien, Cohn; Über Goethe's Naturwissenschaftliche Arbeiten, Helmholz; Das Protoplasma, Strassburger; Welche Auffassung der lebenden Natur ist die richtige? v. Baer; Der jetzige Stand der morphologischen Disciplinen, Köliker; Zur Charakteristik der Forschungswege von Lamarck und Darwin; Arnold Lang.
11. Private Readings: Auerbach, Riehl, Heyse, Schiller, Hauff.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

SPANISH.—

Método Berlitz; Conversation and exercises. Reading: Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Galdós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

MATHEMATICS.

1. (*a*) Higher Algebra; (*b*) Solid and Spherical Geometry; (*c*) Plane and Spherical Trigonometry.
2. (*a*) Plane Analytic Geometry; (*b*) Theory of Equations.
3. (*a*) Differential Calculus; (*b*) Integral Calculus.
4. (*a*) Solid Analytic Geometry; (*b*) Differential Equations; (*c*) Analytic Mechanics.

Courses 1 and 2 are required for degree of B.S. Course 1 for degree of B.A. Course 1 (*b*) for degree of B.L.

SCIENCE.

CHEMISTRY.—

1. Elementary General Chemistry. Lectures, recitations, and laboratory work.
2. General Chemistry, non-metals only. Lectures, recitations, and laboratory work.
3. Continuation of study of the non-metals, and study of the metals. Must be preceded by Course 2.
4. Qualitative Analysis. Must be preceded by Course 3.
5. Continuation of Course 4. Special attention paid to blowpipe work, and to short methods with dry salts.
6. Quantitative Analysis, mainly gravimetric.
7. Continuation of Course 6, mainly volumetric.
8. Organic Chemistry: Fatty Group. Must be preceded by at least three courses in Chemistry.
9. Continuation of Course 8: Carbohydrates.
10. Continuation of Course 9: Aromatic Group.
11. Historical and Theoretical Chemistry.

Courses 2 and 3 are required for degree of B.S. Course 2 is required for degree of B.A. Course 1 is required for degree of B.L. Those preparing to teach Chemistry who cannot devote more than two years to the study should take Courses 2, 3, 4, 6, 8, and 10.

MINERALOGY.—

1. Description with identification and classification of specimens, also study of Crystallography with glass models and others.
2. Further study of Crystallography and Petrography with use of microscope and polarizer; also the preparation of rock sections with the section-cutter. There is a well equipped cabinet for the study of Lithology.

Course 2 must be preceded by Course 1. Course 1 is required for degree of B.S.

GEOLOGY.—

1. Physiographic and Dynamical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States prepared by Professor Hitchcock of Dartmouth College.
2. Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

3. Lectures in Structural and Historical Geology.
4. Advanced study in Paleontology with essays.

Courses 1 and 2 are required for degree of B.S. Course 3 for degree of B.A.

PHYSICS —

1. General Physics.
2. (*a*) Mechanics. (*b*) Heat and Light. (*c*) Magnetism and Electricity.
3. Heat and Light; or Electricity. Must be preceded by Course 1 or 2 (*a*).
4. Sound. Must be preceded by Course 1 or 2 (*a*).
5. Electricity: A continuation of Course 2 (*c*).
6. Mathematical Physics. Must be preceded by Course 2 (*c*) and by the Course in Differential and Integral Calculus.

Courses 2, 4, and 5 include quantitative laboratory practice. Course 1 is required for the degree of B.A. Course 2 is required for the degree of B.S.

ASTRONOMY.—

1. General Astronomy. Course 1 should be preceded by Course 1 in Physics.
2. General Astronomy. Course 2 should be preceded by Course 2 (*a*) and (*b*) in Physics. Courses 1 and 2 require a knowledge of Spherical Trigonometry.
3. Descriptive Astronomy: Lectures. Course 3 is open only to students in the Literary Course.
4. History of Astronomy.
5. Elementary Practical Course. Course 5 should be preceded by Course 2.
6. Spherical and Practical Astronomy.

Course 1 is required for the degree of B.A. Course 2 is required for the degree of B.S.

BOTANY.—

1. Botanical terms and forms sufficient to recognize at sight and describe the characteristics of simpler orders.
2. Lectures on General Morphology and Physiology. Critical study of working organs of a typical fern. The fern is made the standard of comparison in all later botanical work. Gymnosperms.
3. Economic Botany. Laboratory and botanic garden work on Compositæ, Gramineæ, Cyperaceæ. Fruits and seeds. Excursions. Completion of herbarium.
4. The plant cell and its manufactured products. Microscopic Technique.
5. The study of trees in winter. Superficial characteristics from field work and museum specimens. Laboratory work on structure of bark, wood, lenticels, etc. Ascent of sap and kindred problems.

6. Winter fruits and seed vessels. Structure of seeds. Germination.
7. Evolution in Methods of Reproduction. General survey of Cryptogams. Cryptogamic herbarium.
8. Evolution of Tissues, a general course in Comparative Histology.
9. Embryology. Theories of Reproduction. Heredity.
10. Physiological questions. History of Science of Botany.

Courses 1, 2, and 3 required for degrees B.A. and B.L. Courses 2, 3, 4, and 5 (Course 1 on entrance) required for degree B.S. Courses 9 and 10 should be preceded by 4, 7, and 8.

ZOÖLOGY.—

1. Outline of the classification of the animal kingdom; Dissection of typical forms of Vertebrates and Invertebrates; Special study of earthworm to gain an elementary knowledge of Animal Morphology, Physiology, and Embryology. Lectures on fundamental facts and principles of general Biology in their special application to animal life. Drawings and diagrams of objects studied.
2. (*a*) Comparative Zoölogy, a continuation of Course 1. (*b*) Comparative Anatomy; Dissection of the cat.
3. (*a*) Birds, determination of species, structure, habits, and songs. (*b*) Histology, embryology of the chick.
4. (*a*) Entomology; Histology; Microscopical Technique. (*b*) Osteology; Mammalian Anatomy.
5. (*a*) The Essentials of Comparative Physiology. (*b*) Physiology; Lectures and laboratory work with special reference to human physiology.
6. (*a*) Lectures on interesting biological questions; Theories of development; History of the science. (*b*) Lectures on topics of biological interest, such as heredity, variation, animal metamorphosis. The works of Darwin, Wallace, and Weismann are recommended for reading.

Course 1 is required for the degrees of B.A. and B.S.

The remaining courses have been arranged to meet the needs of two classes of students: (*a*) Those desiring some knowledge of methods of teaching, and of practical work in the laboratory, and (*b*) Those intending to study medicine.

MARINE ZOÖLOGY.—

There is an opportunity for students to take courses in Marine Zoölogy at the Marine Biological Laboratory, Wood's Holl, Mass. Credit is given by the College for such courses. The College subscribes each year for an investigator's room at this laboratory, during its summer session.

ANATOMY, PHYSIOLOGY, AND HYGIENE —

Lectures weekly for one year by the resident physician. Structure is illustrated by models, charts, and by dissection of lower animals; Sanitary science concludes the course. Required of all regular students.

RHETORIC AND LITERATURE.

RHETORIC.—

1. Narration, description, exposition, with study of models and brief papers each week illustrating the topics under consideration.
2. Argument, persuasion, principles of style. In addition to short papers, four debates and essays. Genung's Handbook of Rhetorical Analysis, Baker's Specimens of Modern Argumentation, Spencer's Essay on Style, Pater's Essay on Style, Lewis' Principles of Success in Literature.
3. The technic of the novel; the structure of the essay. Aristotle's Poetics, Freytag's Technic of the Drama. Versification. Four essays.
4. Literary Criticism. Three essays.
5. Theory of Rhetoric. Development of rhetorical theory from Aristotle.

Courses 1, 2, 3, and 4 required for degree of B.L. Courses 1, 2, two terms of 3, and Course 4 required for degree of B.A. Courses 1, 2, and 4 required for degree of B.S.

ENGLISH LITERATURE.—

1. American Literature, lectures.
2. English Literature from 1450–1850. Brooke's Primer is used as a guide to a survey of the literature. Library readings, paragraph-essays upon topics assigned, and lectures.
3. Old English. Cook's First Book in Old English. The Elene. Cook's Sievers' Old English Grammar is used as a frequent reference.
4. Late Middle English, Chaucer,—a study of the text with attention to Phonology and Etymology. Assigned readings in the literature of Chaucer.
5. The Development of the English Language from the earliest times, with an outline of its changes in sounds, forms, and syntax. Lectures and collateral readings.
6. Old English Poetry. Studies in Judith and Beowulf. Ten Brink's History of English Literature and Stopford A. Brooke's Early English Literature are constantly used for reference.
7. Early English Literature,—the literature of the period of transition from Old English to Middle English, with attention to phonological changes.

8. English Prose and Poetry,—Chaucer, Spenser, Shakespeare, Milton, Dryden, Addison, Coleridge, Wordsworth, Thackeray, Carlyle. Papers and discussions.
9. English Poetry of the Eighteenth and Nineteenth Centuries. Papers and discussions.
10. The Development of English Prose from the Fifteenth Century to the present. Essays, discussions, and lectures.
11. The Masters of English Poetry,—a course in the interpretation of works in their entirety. Essays, discussions, and lectures.
12. The Development of the English Drama, chiefly in reference to the technic. Library readings and lectures.
13. Shakespeare's Plays. Three comedies, three historical plays, and three tragedies are selected. A study of Shakespeare's technic is made on the basis of Freytag's Technic of the Drama. Essays, discussions, and lectures.
14. Seminary in the Literature of the Victorian Period,—a study of the literature in connection with Philosophy; Browning, Newman, Kingsley, Clough, Arnold, Eliot, Tennyson, Morris, Rossetti, Meredith.
15. Seminary in American Literature,—a critical study of the principal writers of America.

Courses 1, 2, 3, 4, 10, 11 and 12 are required for the degree of B.L. Courses 1 and 8 are required for the degree of B.A. Course 8 is required for the degree of B.S. Courses 14 and 15 are open only to those who have taken Course 10, and Course 3 in Philosophy. Course 1 meets twice a week, but counts as one hour.

HISTORY.

ANCIENT HISTORY, GRECIAN AND ROMAN.—

Topical recitation from library references; abstracts, theses, and lectures.

Required for degree of B.A. and B.L.

MEDIÆVAL AND MODERN HISTORY.—

1. General Survey.
2. Mediæval History to the Crusades: Outline of the general history of Europe; Study of the social, political, and ecclesiastical institutions of the period.
3. Mediæval History from the Crusades to the Renaissance: Special study of English and French institutions.
4. History of the Mediæval Church.
5. History of Modern Europe from Renaissance to 1815: Detailed study of the Renaissance in Italy, Germany, and England, and of the Reformation—its origin, progress, and results. An introductory study is made of the causes of the English and French Revolutions,

as well as a detailed study of the progress and results of each; the course closes with the history of the Empire in France, and that of party government in England in the Eighteenth Century.

6. History of Europe since 1815: Principally political, including history of England, France, Germany, Italy, Russia, Spain, Switzerland. Questions of the day discussed.
7. Constitutional History of the United States: Study of the growth and operation of the Constitution of the United States.
8. (*a*) Constitutional History of England: Study of the origin and early growth of the English Constitution; Examination of charters.
   (*b*) Study of the later development of the English Constitution.

Courses 2, 3, 5, 6, and 7 are required for the degree of B.L. Courses 2, 3, 5, and 6, for the degree of B.A. Course 1 for degree of B.S.

POLITICAL ECONOMY.

Walker's Advanced Course in Political Economy is used as the basis, with references to the works of Ely, Marshall, Mill, and others.

Required of all candidates for a degree.

PHILOSOPHY.

1. LOGIC.—

Jevons' Lessons in Logic; Collateral readings in Mill's Logic, Everett's Science of Thought, and Whately's Elements of Logic.

2. PSYCHOLOGY.—

Sully's Outlines of Psychology; Readings from Ladd's Elements of Physiological Psychology, Baldwin's Handbook of Psychology, James' Psychology, McCosh's Psychology, and other authorities. Discussion of principles of the various Schools.

3. PHILOSOPHY.—

An outline Course in the development of philosophic thought from Schwegler's History of Philosophy; Collateral readings in Zeller's Greek Philosophy, Ueberweg's History of Philosophy, Erdmann's History of Philosophy, and other standard works; Study of selections from the classics of the modern period.

Courses 1 and 2 are required of all candidates for a degree.

ETHICS.—

1. Bowne's Principles of Ethics. Lectures and discussions with references to standard works.
2. History of Ethics.

Course 1 is required of all candidates for a degree.

HISTORY OF ART.

1. (*a*) Ancient Sculpture and Architecture, Egyptian, Chaldeo-Assyrian, Greek and Roman; with the results of recent excavations and as interpreting the development of thought and literature.
   (*b*) Christian Art. Early examples, Rome and Ravenna. The Basilica type in architecture. Byzantine School of decoration. Illuminated manuscripts. The Romanesque and Gothic Cathedrals.
   (*c*) The Renaissance. Tuscan Sculptures. Early Florentine Painters. Schools of Florence, Padua, and Venice, with special reference to the master works of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto. Early Schools, Flanders and Germany.
2. Art of the Seventeenth and Eighteenth Centuries. Flemish, Dutch, and German Painters. Spanish Art, Velasquez and Murillo. French and English Schools. Review of Modern Art.

Course 1 is required of all candidates for a degree. Course 2 is open to Juniors and Soniors. The illustrations of the History of Art consist of plans, engravings, Arundel prints, and more than four thousand photographs, selected for the purpose by Miss Randolph, in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject, the lectures, the current year, presenting a survey of the history of painting through the age of the Renaissance in Italy.

ELOCUTION.

1. Breathing and voice exercises; Emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.
4. The Drama.

Courses 1 and 2 are required of all regular students.

THE BIBLE.

The study, extending through four years, includes the Pentateuch; Joshua; the Judges; the Kingdom under David and Solomon; the history of the two Kingdoms until their dissolution; the Prophetical writings; the life of Christ in the Gospels; the Acts of the Apostles; the Epistles. The work of the Senior Class consists of a study of Christian Evidences and Theism.

There is a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the

early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

MUSIC.

This department is under the direction of Prof. Alfred M. Fletcher of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not otherwise connected with the College, or as an elective study for students pursuing a college course. The method of voice culture is that known as the old Italian or Lamperti method, as taught by Wm. Shakespeare of London. Aside from private lessons, a specialty is made of sight reading and voice training in classes, giving thorough study of major and minor scales, the relation of all intervals, notation signs, and an analysis of rhythm. It aims to prepare students to sing intelligently in quartette or choral work. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants for courses of study in this department are requested to prepare for examination in the following works :—

PIANO.—Technical Exercises, by Edwin B. Story; Cramer's Etudes, Book I; Hasert, Op. 50; The easier Sonatas of Haydn and Mozart; Mendelssohn's Songs without Words.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Songs from the best German, English, or American composers.

VIOLIN.—C. N. Allen's Etude-Album.

After the Freshman Year students of the College may elect any branch of music-study for which they are qualified.

No student is received for a shorter time than the college *year*.

A choral class, open to all students, has weekly rehearsals conducted by the musical director, in which especial attention is given to the study of church music.

Frequent recitals will be given, public concerts, and lectures upon musical subjects, in the course of the year.

Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks :—

Organ, piano, or vocal lessons,	$50 00
Violin or Violoncello,	50 00
Harmony or theory, in class,	15 00
Class lessons for vocal drill in sight reading,	10 00
Use of piano one hour daily,	15 00

All music students must study Harmony as far as "Suspension."

Tuition must be paid in advance for the *entire* year.

DRAWING AND PAINTING.

DRAWING.—

1. Object drawing — perspective; Cast drawing — plant forms, masks, heads, details of the human figure; Outdoor sketching; Modeling in clay.
2. Study of the Antique in charcoal and clay; Drawing from life—heads and costumed figure.
3. Study from life; Composition and sketching.

Lectures on Perspective, Composition, Decoration, and Theory of Art, with current art topics, are included in the courses.

A course in elementary drawing is required of all regular students.

PAINTING.—

1. Painting from still life; Outdoor sketching. (*a*) Lectures on Philosophy of painting, and history of Greek, Roman, and early Italian Painting. (*b*) Lectures on History of Dutch, German, and English Schools.
2. Painting from still life and exercises in Composition. (*a*) Lectures on later Italian Painting, and Flemish and Spanish Schools. (*b*) Lectures on History of French School, and on Painting in America.
3. Painting from still life. Outdoor sketching.

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the College. Her heart and lungs are tested and information is solicited concerning the habits and general health. Careful measurements are taken in accordance with the system recommended by the American Association for the Advancement of Physical Education.

Practice in the gymnasium begins with the college year. Every precaution is taken to secure the best development and promote the health of the students.

CURRICULUM.

NOTE.—Numerals indicate the number of exercises per week. No student is allowed more than fifteen hours per week. A *full course* of study comprises four exercises a week during one term. Forty-two full courses are required as the minimum for graduation.

FRESHMAN YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Latin, 4. Greek, 4. Higher Algebra, 3. Rhetoric, 1. American Lit. Lectures, 1. Bible, 1.	French, 4. German, 4, Higher Algebra, 3. Rhetoric, 1. Drawing, 1. Bible, 1.	Latin, 4. * French or German, 4. Grecian History, 2. Rhetoric, 1. American Lit. Lectures, 1. Drawing, 1. Bible, 1.
WINTER TERM.	Latin, 4. Greek, 3. Geometry, 4. Rhetoric, 1. Drawing, 1. Bible, 1.	French, 4. German, 4. Geometry, 4. Rhetoric, 1. Bible, 1.	French or German, 4. Geometry, 4. English Literature, 2. Roman History, 2. Rhetoric, 1. Bible, 1.
SPRING TERM.	Latin, 5. Greek, 3. Trigonometry, 4. Rhetoric, 1. Bible, 1.	French, 4. German, 4. Trigonometry, 4. Rhetoric, 1. Bible, 1.	Latin, 4. French or German, 4. English Literature, 2. Early Mediæval History, 2. Rhetoric, 1. Bible, 1.

* Language required is the one not offered at entrance.

*SOPHOMORE YEAR.**

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Greek, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1.	Botany, 2. Analytic Geometry, 3. Chemistry, 4. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1.	French, 2. German, 2. Anglo-Saxon, 2. Later Mediæval History, 3. Rhetoric, 1. Physiology, Lectures, 1. Elocution, 1. Bible, 1. *Anglo-Saxon*, 2.
WINTER TERM.	Latin, 3. Greek, 3. Greek History, 2. Rhetoric, 1. Elocution, 1. Bible, 1. *Microscopic Technique*, 2.	Scientific French or German, 2. Analytic Geometry, 3. Chemistry, 3. Botany, 2. Rhetoric, 1. Elocution, 1. Bible, 1.	French, 2. German, 2. Anglo-Saxon, 2. Chemistry, 4. Rhetoric, 1. Elocution, 1. Bible, 1. *Plane Trigonometry*, 2. *History of Mediæval Church*, 2. *Microscopic Technique*, 2.
SPRING TERM.	Physics, 4. Botany, 2. Roman History, 2. Rhetoric, 1. Physiology, Lectures, 2. Bible, 1. *Botany*, 2. *Qualitative Analysis*, 2.	Mineralogy, 2. Scientific French or German, 2. Theory of Equations, 2. Botany, 2. Physiology, Lectures, 2. Bible, 1. *Qualitative Analysis*, 2.	French, 2. German, 2. English, Chaucer, 2. Botany, 2. Rhetoric, 1. Physiology, Lectures, 2. Bible, 1. *Spherical Trigonometry*, 2. *Chemistry*, 2. *Anglo-Saxon*, 2. *Development of English Language*, 1.

* Subjects printed in italics are elective.

Music, drawing, and painting may be elected after the first year, throughout each of the courses, French and German throughout the Classical course, Latin throughout the Scientific. Elective work is offered in each language after the required work in that language is completed. Students in either course may, if qualified, elect subjects prescribed in the other courses.

JUNIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Botany, 2. Zoölogy, 2. History, 2. English Literature, 4. Rhetoric, 1. Bible, 1. *Italian*, 2. *Spanish*, 2. *Calculus*, 2. *Chemistry*, 2. *Physics*, 2. *Botany*, 2. *Zoölogy*, 2. *Theory of Rhetoric*, 1. *Elocution*, 1.	Mechanics, 2. Zoölogy, 2. Geology, 2. English Literature, 4. Bible, 1. *Calculus*, 2. *Chemistry*, 2. *Botany*, 2. *Zoölogy*, 2. *Elocution*, 1.	French, 2. German, 2. Botany, 2. History of Europe, Renaissance to 1815, 2. Logic, 2. Rhetoric, 1. Bible, 1. *Early English*, 2. *Anglo-Saxon*, 2. *Spanish*, 2. *Italian*, 2. *Analytic Geometry*, 3. *Chemistry*, 2. *Physics*, 2. *Theory of Rhetoric*, 1. *Elocution*, 1.
WINTER TERM.	History, 3. Logic, 2. Rhetoric, 1. Bible, 1. *Spanish*, 2. *Italian*, 2. *English Literature*, 2. *Constitutional and Political History of Eng.*, 2. *History of Mediæval Church*, 2. *Calculus*, 2. *Chemistry*, 2. *Physics*, 2. *Botany*, 2. *Zoölogy*, 2. *Physiology*, 2. *Theory of Rhetoric*, 1. *Elocution*, 1.	Physics, 4. History, 4. Logic, 2. Bible, 1. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *English Literature*, 2. *Physiology*, 2. *Elocution*, 1.	French or German, 2. History of Europe since 1815, 2. English Masters, Prose, 4. Rhetoric, 1. Bible, 1. *Spanish*, 2. *Italian*, 2. *Analytic Geometry*, 3. *Chemistry*, 2. *Astronomy*, 1. *Botany*, 2. *Zoölogy*, 2. *Physiology*, 2. *Theory of Rhetoric*, 1. *Constitutional and Political History of Eng.*, 2. *Elocution*, 1.
SPRING TERM.	Astronomy, 4. Geology, 2. History, 3. Bible, 1. *Spanish*, 2. *Italian*, 2. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Theory of Rhetoric*, 2. *Constitutional and Political History of U. S.*, 2.	Astronomy, 4. Physics, 3. Geology, 2. Rhetoric, 1. Bible, 1. *Calculus*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *History*, 2.	Constitutional and Political History of U. S., 2. English Masters, Poetry, 4. English Drama, 1. Rhetoric, 1. Bible, 1. *Spanish*, 2. *Italian*, 2. *Physics*, 4. *Zoölogy*, 2. *Chemistry*, 2. *Theory of Rhetoric*, 2.

SENIOR YEAR.

	CLASSICAL.	SCIENTIFIC.	LITERARY.
FALL TERM.	Psychology, 4. History of Art, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Psychology, 4. History of Art, 4. Rhetoric, 1. Physiology, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Psychology, 4. History of Art, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Shakespeare*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.
WINTER TERM.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Ancient Literature*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Ancient Literature*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Political Economy, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Ancient Literature*, 2. *Mathematics*, 2. *Constitutional History of England*, 2. *English Prose*, 4. *History of Philosophy*, 3. *History of Art*, 2. *Physiology*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.
SPRING TERM.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Masters*, 4. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Political Economy*, 2. *Constitutional and Political History of U.S.*, 2. *English Masters*, 4. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.	Ethics, 4. Rhetoric, 1. Theism and Christian Evidences, 1. *Mathematics*, 2. *Political Economy*, 2. *Constitutional and Political History of U. S.*, 2. *English Literature, Victorian (Seminary Method)*, 2. *American Literature (Seminary Method)*, 2. *Botany*, 2. *Zoölogy*, 2. *Chemistry*, 2. *Mineralogy*, 2. *Geology*, 2. *Physics*, 2. *Astronomy*, 2.

TEACHERS' COURSE.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations. Opportunity is also offered to graduates of other colleges who desire to pursue a special line of advanced study.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for *special* work may be accommodated in the building as far as possible. If not thus provided for, board may be obtained in private families at an expense varying from $4 to $6 per week.

DEGREES.

Requirements for the First Degree.

Students who complete the Classical Course receive, on recommendation of the Faculty and by vote of the Trustees, the degree of Bachelor of Arts.

Those who complete the Scientific Course receive the degree of Bachelor of Science.

Those who complete the Literary Course receive the degree of Bachelor of Literature.

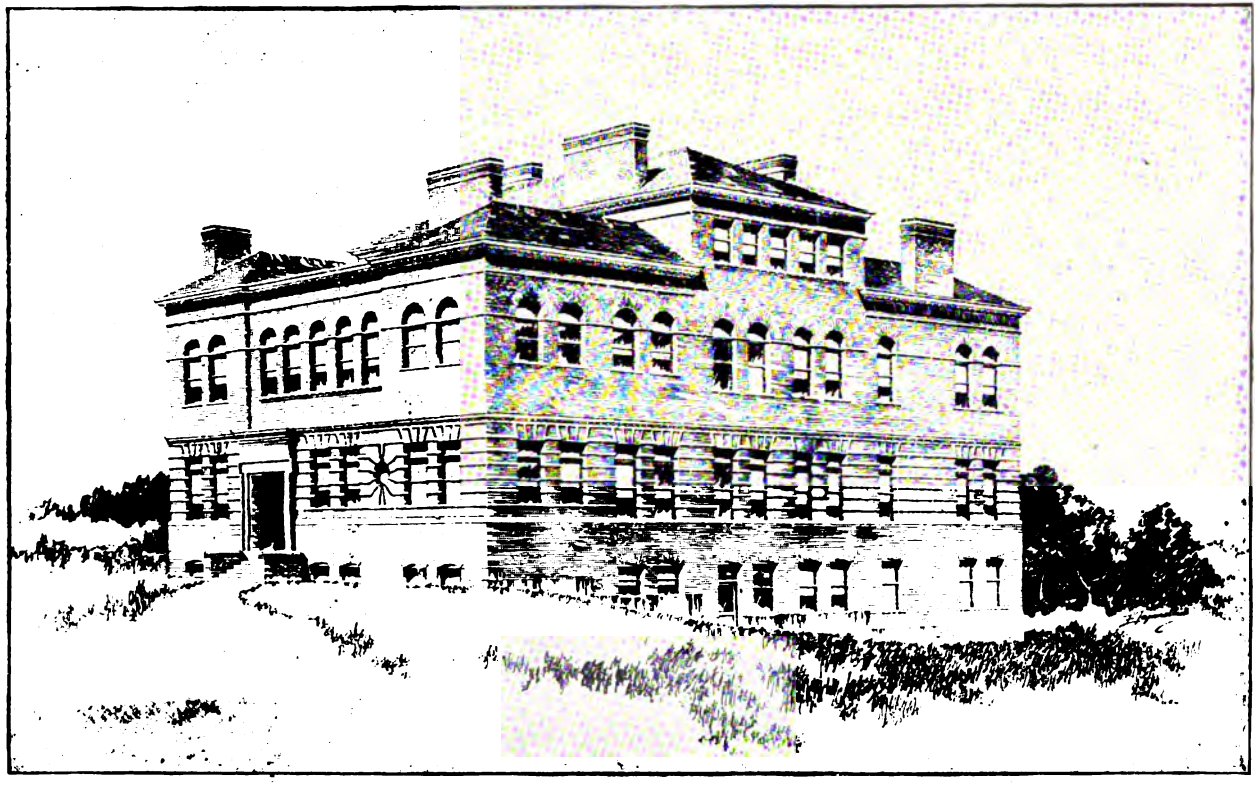
Requirements for the Second Degree.

Candidates for the Master's degree will be required:

1. To have completed the Bachelor's Course.

2. To have spent at least one year of resident study at the College, under the direction of a special committee of the Faculty appointed for supervising and directing that work.

3. To present a satisfactory thesis upon a subject which has been approved by the head of the department in which the principal part of the candidate's work has been done.



HALL FOR CHEMISTRY AND PHYSICS.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis courts. A grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook, are in the rear of the buildings. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the footpath and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and electric lighting, while an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

Two cottages used as dormitories accommodate a limited number of students.

LIBRARY AND READING-ROOM.—The library is a fire-proof building, connected by a corridor with the main edifice. There are at present nearly sixteen thousand books on the shelves to which the students have direct access, aided by a card catalogue, a classified index, and other helps. The library annex furnishes room for twenty-five thousand additional volumes.

The commodious reading-room is liberally supplied with the leading papers and periodicals, both American and foreign.

WILLISTON HALL.—The art gallery occupies the upper floor of this building, including a central hall with adjacent rooms. Among its treasures are paintings by Bierstadt, Edwin White, George Inness, Robert Kluth, and other well known American artists.

The old masters are represented by copies from Giotto, Fra Angelico, Raphael, Titian, Guido Reni, Domenichino, Rembrandt, and others. The History of Art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

Among the latest additions to the art gallery is the costly French publication of the Sidon Sarcophagi, the generous gift of Mrs. Cora Welch van

Millingen, of the class of '59. The handsome folio plates, fifty in number, some of them in colors, richly demonstrate the beautiful effects of polychrome decoration in relief sculpture, as practiced by the Greeks.

On the second floor of Williston Hall are class rooms for several departments, the geological and mineralogical cabinets, and the zoölogical museum.

The laboratories and lecture rooms of Botany and Zoölogy are on the first floor, as are the herbarium and botanical museum. The latter contains representative collections of woods, seeds, seed-vessels, and a valuable economic collection. The working library common to the two departments adjoins the laboratories and contains upwards of eight hundred carefully selected works of reference and the more important periodicals. The laboratories are large, well lighted, and equipped with microscopes, microtomes, charts, models, and other apparatus necessary to practical work; each table is furnished with appliances for running water after Göttingen laboratory models. In the basement are preparation rooms and the aquarium for the observation of living animals and study of aquatic plants.

BOTANIC GARDEN.—The botanic garden, covering about one acre, occupies the slope toward the lake, east of Williston Hall, and is easily accessible to the laboratories; it adds materially to the facilities for botanical work, especially in cultivated aquatic plants in the series of artificial ponds lately added. A small plant house gives winter shelter to foreign plants and increases the range of types studied.

HALL FOR CHEMISTRY AND PHYSICS.—A fine building for Chemistry and Physics has recently been erected north of Williston Hall. The physical laboratory on the ground floor has a spacious lecture room, laboratories fitted with ample wall tables supported by brackets, a constant temperature room, dark rooms, apparatus room, library, and study. An experiment room for independent work of students is also provided. The second and third stories are devoted to Chemistry. Besides lecture and preparation rooms, and a laboratory for advanced work, there are three large laboratories which, with their equipment, afford ample opportunities for work in General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.—The John Payson Williston Observatory contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

EXPENSES.

The price of tuition for all students, regular and special, is $75 for the year, and board $175. This includes tuition in all branches required for the three regular courses, lectures, steam heating, and electric lights. One half the sum, $125, is to be paid the first Monday of the fall term, Sept. 16, and $125 the first Monday of the second term, Jan. 6. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

For instruction in music, see page 20. An extra charge is made for laboratory fees, washing, and meals sent to rooms.

The college building is closed during the vacations.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than eight dollars per week for the time spent at the Institution. No deduction will be made for absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship of $1,000, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary M. Stevens Scholarship of $5,000, established in 1889, by Mary M. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

The Cecilia L. Williston Scholarship of $5,000, established in 1892, by Mrs. Cecilia L. Williston of Northampton, Mass.

The Taylor Scholarship of $1,000, established in 1893, by Mrs. Horace Fairbanks of Saint Johnsbury, Vermont.

The Harriet N. Wilcox Scholarship of $1,000, established in 1894, by bequest of Miss Harriet N. Wilcox of Berlin, Conn.

The William W. Bradstreet Education Fund of $2,000, established in 1894; the income for the use of students from Gardiner, Maine, under certain restrictions.

The Elizabeth A. Westcott Scholarship of $1,000, established in 1895, by Mrs. Elizabeth Aldrich Westcott of Hopedale, Mass., in memory of two little granddaughters.

FAMILY ARRANGEMENTS.

Every student is expected to share in the care of the family. The time necessary for this service does not exceed fifty minutes daily.

Recreation time extends from Tuesday evening through Wednesday, but does not include Wednesday evening.

Calls are not received on the Sabbath.

A tendance at the Sabbath morning service is required.

Each student is expected to furnish her own towels, napkins, and napkin ring, two pairs of sheets for single bed, pillow-cases, and one pair of blankets;

also two teaspoons and a dessert spoon. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Books and stationery can be purchased at the Institution on reasonable terms.

RAILWAY, TELEGRAPHIC, AND TELEPHONIC CONNECTIONS.

Mount Holyoke College is located at South Hadley, Mass., four miles from Holyoke, where stages connect with the express trains of the Boston and Maine Railway.

Stages also connect at Smith's Ferry, two miles from the College, with accommodation trains of the Boston and Maine Railway except during the winter months.

Tickets can be bought or baggage checked to Holyoke or Smith's Ferry from all principal points.

The Post Office and Express address of the College is South Hadley, Mass.

The Institution is connected with long distance telephone.

Western Union telegrams should be addressed South Hadley, Mass.; for the Telegraph Company have an arrangement whereby telegrams are telephoned to the College from Holyoke free of expense.

GRADUATE STUDENTS.

BACON, IMOGEN, B.S.,	South Glastonbury, Conn.
EDWARDS, MARY E., A.B.,	Westhampton.
OSGOOD, LUCY ROYAL, A.B.,	Ellsworth, Me.

STUDENTS.

SENIOR CLASS.

AVERILL, SARAH,	S.*	Pomfret, Conn.
BARBOUR, CATHARINE HAYDEN,	S.	San Sebastian, Spain.
BARTHOLOMEW, ELLEN E.,	S.	Ansonia, Conn.
BEEDE, ALICE GERTRUDE,	C.	Centre Sandwich, N. H.
BLAKE, ETHEL WINTHROP,	L.	Westfield.
BLISS, SERAPH A.,	S.	Lebanon, Conn.
BLUNT, KATE MARION,	L.	Haverhill.
BOND, VIOLET RUSSELL,	L.	Monastir, Macedonia.
BRIGGS, ELLA MARION,	S.	Shelton, Conn.
BROWN, ALICE WEBBER,	L.	Palmer.
BRYANT, FLORENCE MARION,	L.	Morrisville, Vt.
CASKEY, MARY OLIVIA,	L.	Morristown, N. J.
CLARK, MARY LUELLA,	C.	Worcester.
DAVIS, EVELYN HOOKER,	S.	Gardiner, Me.
DRESSER, ANNIE SLOSSON,	C.	Richmond Furnace.
GOODRICH, MARY AUGUSTA,	L.	Delhi, N. Y.
GREELEY, FLORENCE P.,	L.	Lowville, N. Y.
HALL, ALICE UNDERWOOD,	S.	Chicago, Ill.
HALL, MARTHA SNELL,	C.	Jamestown, N. Y.
HALSEY, ANNIE SHERMAN,	S.	North Paterson, N. J.
HAYNES, FRANCES E.,	L.	Fitchburg.
HERRICK, MINNIE TYLER,	S.	Constantinople, Turkey.
HINCHMAN, LESBIA R.,	S.	Denville, N. J.
HOLMES, ALICE MAY,	S.	Eastport, Me.
HYDE, ELIZABETH HITCHCOCK,	C.	Ware.
JONES, CASSINA MAY,	L.	Hanover, N. H.
KEITH, SARAH EMMA,	S.	Braintree.
KELLOGG, EFFIE LOUISE,	C.	Granby.

* L., Literary Course; S., Scientific Course; C., Classical Course.

LEAVITT, MARIAN FAY, **C.**	Melrose.
MESERVE, ELIZABETH E., **S.**	Vassalboro, Me.
NORTH, EVA METCALF, **L.**	Chicago, Ill.
NYE, GRACE, **S.**	Hiawatha, Kan.
OSBORNE, ELLA LOUISE, **L.**	La Crosse, Wis.
PARSONS, ANGIE ESTELLE, **C.**	South Hadley Falls.
POST, MARY AGNES, **C.**	Clinton, N. Y.
ROBINSON, ALICE M., **C.**	New Castle, Me.
ROOT, HELENA CAROLINE, **L.**	Thomaston, Conn.
SANDERSON, LYDIA ELIZABETH, **C.**	Cleveland, O.
SARGENT, MARTHA A., **C.**	West Boylston.
SCHWENDLER, SADIE, **C.**	Rochester, N. Y.
SEARLE, CLARA PRENTISS, **C.**	Westfield.
SMITH, ELSIE FLORENCE, **L.**	Brooklyn, N. Y.
SWARTZ, ELECTRA PAULINE, **L.**	Chicago, Ill.
SYVRET, FLORENCE, **L.**	Worcester.
TERRILL, BERTHA MARY, **L.**	Morrisville, Vt.
THOMAS, LETITIA E., **L.**	Troy, O.
WALTON, EDITH MAY, **C.**	North Cambridge.
WELLES, GRAYCE SOUTHWORTH, **C.**	Taunton.
WRIGHT, MARY HURD, **C.**	Bridge Hampton, N. Y
YAMAWAKI, HANA, **S.**	Okayama, Japan.

JUNIOR CLASS.

ALLEN, LUELLA M., **L.**	Winchendon.
ANDREWS, HARRIET E., **S.**	Rochester, N. Y.
BAKER, LUCY FISH, **C.**	Jamestown, N. Y.
BILLAM, FLORA E., **L.**	Ansonia, Conn.
BLUNT, FLORENCE TOLMAN, **L.**	Haverhill.
BUDD, MARY WOODWARD, **S.**	Mount Holly, N. J.
BURROUGHS, GRACE, **C.**	Coxsackie, N. Y.
BUTLER, MABEL L., **C.**	West Boylston.
BYINGTON, MARTHA DAY, **C.**	East Hardwick, Vt.
CALDER, MATILDA SMYRELL, **S.**	Hartford, Conn.
CAMPBELL, FRANCENA LOUISE, **C.**	Derry, N. H.
CARPENTER, JANE BRODIE, **L.**	Andover.
CHENEY, ALICE MARIA, **L.**	Beloit, Wis.
COTTON, ETHEL HAMILTON, **S.**	Portsmouth, O.
DEACON, MAMIE ELISE, **L.**	Bridgeport, Conn.
DOLLEY, GRACE L., **L.**	Gorham, Me.
DONALDSON, JESSIE BATTERSHALL, **L.**	Ellenville, N. Y.
ELLISON, GERTRUDE HERMIONE, **C.**	North Andover.
GAY, MAUDE C., **S.**	Terryville, Conn.
GIBBONS, DORA B., **L.**	Franklin, N. Y.
GIBBONS, VERNETTE L., **S.**	Franklin, N. Y.
GLAZIER, HATTIE EUDORA, **C.**	Lisbon, N. H.

GODDARD, AGNES L., **C.**	Ashtabula, O.
HALL, MARGARET ROBINSON, **L.**	Catskill, N. Y.
HALLOCK, MARY, **C.**	Steubenville, O.
HARMON, WINNIFRED LOUISE, **L.**	Somersworth, N. H.
HAZEN, MARTHA MERRILL, **C.**	Northfield, Vt.
HILL, NELLIE LOUISE, **L.**	Northwood, N. H.
HIRST, EMMA AMELIA, **S.**	Paola, Kan.
HOOKER, BESSIE MAY, **C.**	Amherst.
HUTCHINS, MARY LORANDA, **L.**	Waukegan, Ill.
HYDE, GERTRUDE STEWART, **C.**	Norwich, Conn.
JOHNSTON, MAY JOSEPHINE, **C.**	Chicago, Ill.
KATHAN, FLORENCE A., **C.**	Putney, Vt.
KEITH, CORA FRANCES, **C.**	Braintree.
KENYON, ELIZABETH W., **S.**	Point Judith, R. I.
KNOTT, ANNA LOIS, **L.**	Beaver Falls, Penn.
LAKE, MARGARET B., **L.**	Rockville, Conn.
LONG, SUE GERTRUDE, **L.**	Rutland, Vt.
LOVELAND, MARY HOYT, **L.**	Newark Valley, N. Y.
LOWE, GRACE ELIZABETH, **S.**	Whitinsville.
LYMAN, ANNIE AMELIA, **S.**	Fall River.
MANSFIELD, MARY PAGE, **C.**	West Hartford, Conn.
MCKISSICK, ELIZABETH FUTHEY, **C.**	Oxford, Penn.
MELLOR, EVA THERESE, **L.**	Auburn, N. Y.
MILLER, FRANCES, **S.**	New Britain, Conn.
MOWRY, FLORENCE PASSMORE, **L.**	Woonsocket, R. I.
MUNSON, MAUDE ELVINA, **S.**	Huntington.
NEAL, LOTTA ETHELWYN, **L.**	Auburn, Me.
NORTHROP, EVELYN HOPE, **C.**	Tunkhannock, Penn.
PARK, JENNIE ALICE, **S.**	Huntington, Conn.
PEARSON, FLORENCE IRMA, **L.**	Beloit, Wis.
POMEROY, ANNIE LOUISE, **L.**	Springfield.
RANSOM, CAROLINE LOUISE, **C.**	Toledo, O.
REDMAN, EDITH, **L.**	Lexington.
RICHARD, DOROTHY MARY, **C.**	Newport, Vt.
RIDLON, SARAH E., **L.**	Gorham, Me.
ROBINSON, MARY BELLE, **L.**	Bangor, Me.
SANGER, ABBIE MAY, **L.**	Franklin Falls, N. H.
SAXTON, MARY LUCINA, **L.**	West Randolph, Vt.
SEYMOUR, MARY CORNELIA, **S.**	Norfolk, Conn.
SHANK, JESSIE LENORE, **C.**	Millington, Tenn.
SHEARER, ELIZABETH E., **C.**	New York City.
SMALL, VIVIAN BLANCHE, **C.**	Augusta, Me.
SMITH, NELLIE LILLIS, **C.**	Palmer.
SMITH, STELLA ESTHER, **L.**	Wakefield.
STEVENS, MARY ARNOLD, **L.**	Cincinnati, O.
STUBBS, HELEN GERTRUDE, **L.**	Foxcroft, Me.
SUTPHEN, MINNIE CALISTA, **C.**	Palmyra, N. Y.

SWIFT, NELLIE HOUSTON, **L.**	Middleborough.
THOMAS, LUCIA C., **C.**	Troy, O.
TOMBES, EDYTH H., **L.**	Ashtabula, O.
TREADWELL, ALICE, **L.**	Danbury, Conn.
TUCKER, EMMA CURTISS, **C.**	Swansea Center.
TURNER, ABBIE HOWE, **C.**	Nashua, N. H.
USHER, MAUDE PIERCE, **L.**	Plainville, Conn.
WATSON, EVELYN HARRIS, **L.**	Woonsocket, R. I.
WATSON, MABEL ALICE, **C.**	Everett.
WILLS, REBEKAH B., **S.**	Rancocas, N. J.
WORTHLEY, EVELYN M., **C.**	Brunswick, Me.
WRIGHT, MARY LYON, **C.**	Plainville, Conn.
WYCKOFF, JULIA, **C.**	Brooklyn, N. Y.

SOPHOMORE CLASS.

AGARD, KATHERINE MARIA, **C.**	Tolland, Conn.
ANDREA, ELIZABETH RHENA, **C.**	New Haven, Conn.
BASS, MARY EULALIA, **L.**	Boston.
BATES, EMELINE CLARK, **C.**	Willimantic, Conn.
BELCHER, IDA MAY, **L.**	Newark Valley, N. Y.
BENNER, CAROLINE FRANCES, **L.**	Wellesley.
BIDWELL, BERTHA CANDACE, **L.**	Freeport, Ill.
BLISS, MARY ALICE, **S.**	Lebanon, Conn.
BRADBURY, EMILIE GARDNER, **C.**	Machias, Me.
BROWN, ADELINE S., **C.**	New Haven, Conn.
BURTT, GERTRUDE A., **C.**	Andover.
CAMPBELL, MARY FRANCES, **C.**	West Suffield, Conn.
CARR, BERTHA GERTRUDE, **L.**	Ashby.
CLARK, ELIZABETH, **S.**	East Peacham, Vt.
CLARK, FLORENCE REBECCA, **C.**	West Brattleboro, Vt.
CONVERSE, ANNA, **C.**	Somerville, Conn.
COOLIDGE, NETTIE EVELINE, **C.**	Framingham.
COPELAND, SARA FOSTER, **C.**	Columbus, O.
COULTER, BERTHA, **S.**	Danville, Penn.
DAVIDSON, EVA F, **S.**	Beaver, Penn.
ESTABROOK, LULA BELLE, **L.**	Saratoga Springs, N. Y.
GEDDES, MARGARET S., **L.**	Williamsport, Penn.
GLEASON, MARGARET A, **L.**	Hannibal, Mo.
GRANT, ANNIE ETHELYN, **C.**	Winsted, Conn.
HALL, MARY ELIZABETH, **S.**	Salt Lake City, Utah.
HAMILTON, CHRISTINE HAPGOOD, **L.**	Kenwood, N. Y.
HAY, FANNY ANN, **S.**	New Brighton, Penn.
HAYNES, HARRIET TENNEY, **L.**	Fitchburg.
HAZEN, LUCIA WASHBURN, **C.**	Middletown, Conn.
HILL, MYRA A., **C.**	Williamsburg.
HOYT, OLIVE SAWYER, **S.**	Augusta, Me.

JAY, CARRIE B., **L.**	Saint Marys, O.
KAJIRO, YOSHI, **S.**	Osaka, Japan.
KNOWLES, WILHELMINA CAMP, **L.**	Washington, Conn.
KOEHLER, MARGARET BRIGGS, **L.**	Penn Yan, N. Y.
LEAVITT, EDITH WILSON, **C.**	Melrose.
MCWILLIAMS, MARTHA E., **S.**	New Haven, Conn.
MEAD, CLARA BENTLEY, **S.**	Greenwich, Conn.
MERRIAM, GRACE LEWIS, **C.**	Mount Vernon, N. Y.
MERRIAM, HELEN SUMNER, **C.**	Mount Vernon, N. Y.
MILDRUM, CLARA ELIZABETH, **L.**	East Berlin, Conn.
ORCUTT, MARY CHARLOTTE, **C.**	Northfield, Vt.
PACKARD, EDITH MORTON, **L.**	Syracuse, N. Y.
PEASE, JENNIE ESTELLA, **L.**	Thompsonville, Conn.
PIERCE, MARION, **C.**	Gardiner, Me.
PLUMB, MARY L., **S.**	Townshend, Vt.
RICHARDS, MAE LUCY, **C.**	Unionville, Conn.
SHELDON, LENA, **S.**	New Britain, Conn.
SHERMAN, ANNA PRESCOTT, **S.**	Jamaica Plain.
STEVENS, LOUISE DANFORTH, **L.**	Newington Junction, Conn.
STICKNEY, JULIA HALL, **C.**	Washington, D. C.
STODDER, ELIZABETH THOMAS, **C.**	Hingham.
STONE, HENRIETTA, **C.**	Kittanning, Penn.
STRONG, CAROLYN A., **L.**	East Orange, N. J.
TAYLOR, MARTHA J., **L.**	Westford.
TIFFANY, JESSIE W., **C.**	South Hadley.
VAN NOSTRAND, HARRIET L., **C.**	Little Neck, N. Y.
VICKERY, MYRA FRANCES, **L.**	Bangor, Me.
VOORHEES, GRACE M., **L.**	Woodbridge, N. J.
WALKER, ALICE J., **C.**	Stafford Springs, Conn.
WARD, MARY ISABELLE, **C.**	Newton Center.
WARREN, HARRIET REEVES, **L.**	Lawrence.
WHELDON, ELIZABETH KELLOGG, **L.**	Williamstown.
WHITE, LUCY M., **S.**	Mansfield.
WIARD, BERTHA LOUISE, **L.**	New Britain, Conn.
WIGGIN, MARY PACKARD, **L.**	Auburn, Me.
WILLIAMS, WINIFRED MAY, **C.**	North Craftsbury, Vt.
WILSON, MARY FARLEY, **C.**	Hollis, N. H.
WOODBURY, MARY HALE, **S.**	Salem.
WYCKOFF, HARRIET J., **C.**	New Brunswick, N. J.

FRESHMAN CLASS.

ADAMS, KATE ELLIS, **L.**	Wethersfield, Conn.
ALDRICH, LENA MAY, **C.**	East Douglass.
ALLEN, MABEL LOUISE, **L.**	West Hartford, Conn.
ALLEN, MAY W., **L.**	Hartford, Conn.
ANDREWS, FLORENCE MARY, **S.**	Lynn.

BABB, EMILY A., **C.**	Holden.
BALDWIN, JESSIE M., **C.**	Willimantic, Conn.
BALKAM, SUSANNE LOUISE, **L.**	Haverhill.
BARBER, HARRIET SOPHIA, **C.**	Warsaw, N. Y.
BEACH, MARTHA, **L.**	Franklin, N. Y.
BEAMAN, HARRIET ELIZABETH, **L.**	Princeton.
BEERS, FLORENCE EVELYN, **C.**	Huntington, N. Y.
BENEDICT, MARY, **C.**	Riverhead, N. Y.
BISHOP, ELIZABETH ALICE, **C.**	Warsaw, N. Y.
BISSELL, ALMA WARD, **C.**	Holland.
BLACKSTOCK, MARY I., **C.**	Auburn, N. Y.
BURLEIGH, NETTIE CAROLINE, **L.**	Vassalboro, Me.
CALDER, HELEN BARNETSON, **S.**	Hartford, Conn.
CAMPBELL, HARRIET, **C.**	Auburn, N. Y.
CARTER, EMMA DOWNS, **L.**	Huntington, N. Y.
CLARY, LUSANNA MARIA, **L.**	Hallowell, Me.
CRAFTS, SUE GAYLORD, **L.**	Wolcott, N. Y.
CROSBY, GEORGINA, **L.**	Somerville.
CURTISS, ADELE LOUISE, **L.**	Meriden, Conn.
DAVIS, ANNIE L. C., **L.**	New York City.
DAVIS, MYRTIE I., **C.**	Granby.
DAY, ALICE RUTH, **L.**	New Haven, Conn.
DICKINSON, ELLA S., **C.**	Rockville, Conn.
DU BOIS, CLARA ADELAIDE, **L.**	West Randolph, Vt.
EATON, MABEL LETA, **C.**	Collinsville, Conn.
EMERY, MARY LOUISE, **C.**	Warsaw, N. Y.
GALLOWAY, JENNIE GEORGEANNE, **L.**	Freeport, Ill.
GOULD, HATTIE L., **C.**	West Hingham.
GRADY, FLORENCE JOSEPHINE, **C.**	Trenton, N. J.
HALL, ANNIE, **C.**	Wallingford, Vt.
HATHAWAY, BERTHA FLORENCE, **C.**	Stoughton.
HAYDEN, CELIA M., **L.**	Columbus, O.
HAYES, ALMA L., **C.**	Holyoke.
HEATH, ADELINE FAY, **C.**	Manchester, N. H.
HIRST, SARA JEANETTE, **S.**	Paola, Kan.
HOLTON, GRACE B., **L.**	South Framingham.
HYDE, BERTHA C., **S.**	Rockville, Conn.
IVES, SUE B., **L.**	New Haven, Conn.
JOHNSON, EDINA MAY, **S.**	Winsted, Conn.
JOHNSON, LOUISE BOWDITCH, **L.**	Enfield, Conn.
JOY, KATHERINE DUTTON, **C.**	Ellsworth, Me.
LASELL, GAIL, **C.**	Orange, N. J.
LATIMER, ANNA CORNELIA, **L.**	New Britain, Conn.
LOVEJOY, SARA CUTTS, **L.**	Haverhill.
LYON, KARLEEN STANLEY, **S.**	Morrisville, Vt.
MERRILL, MAY, **L.**	Quincy.
MINCHEW, ANNIE A., **L.**	Taunton.

MITCHELL, BESSIE ARABELLE, C.	Acworth, N. H.
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NELL, CORA, C.	Rochester, N. Y.
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PECK, MARGARET, C.	Madison, N. J.
PERCIVAL, MARY, L.	Auburn, Me.
PETTENGILL, AGNES E., L.	Holley, N. Y.
PETTENGILL, LILLIAN, L.	Haverhill.
POST, ESTELLE L., S.	New York City.
REED, CORA PEARLE, L.	Wolcott, N. Y.
REYNOLDS, AGNES R., L.	Richmond, Ind.
ROBINSON, MABEL STUART, C.	North Andover Depot.
ROETH, NATALIE SOPHIE, S.	Meriden, Conn.
ROGERS, EMMA GERTRUDE, L.	New Britain, Conn.
ROLSTON, MARTHA BROWN, L.	Worcester.
SEYMOUR, MARY FRANCES, C.	West Winsted, Conn.
SMITH, EMILY LUCY, L.	Worcester.
SMITH, EVA FRANCES, C.	Huntington, N. Y.
SMITH, HELENA, L.	East Orange, N. J.
SMITH, LAURA ELIZABETH, L.	Montpelier, Vt.
SOULE, THERESA HELEN, C.	South Freeport, Me.
STEBBINS, JESSIE WALDO, L.	Fishkill-on-Hudson, N. Y.
STEVENS, CAROLYN CLARKE, C.	Cincinnati, O.
STOWE, MARY ELIZABETH, C.	Scitico, Conn.
STOWELL, ELIZABETH D., L.	Boston.
SYVRET, CLARA MAUDE, L.	Worcester.
WATSON, LENA LYLE, L.	Northwood Narrows, N. H.
WATTS, FAUSTINA E., S.	Haverhill.
WILSON, CAROLYN EDITH, L.	Haverhill.
WOOD, EDITH HOLMES, S.	East Boston.
WOODWARD, ELIZABETH WARE, S.	Jamaica Plain.

MUSIC STUDENTS.

DU BOIS, CLARA ADELAIDE	West Randolph, Vt.
GOULD, NINA	South Hadley.
JUDD, ANNIE B.	South Hadley.
LORD, ANNA BUCKLIN	Rutland, Vt.
MILLER, ANNIE	South Hadley.
MOODY, EVELYN	South Hadley.
PEASE, JENNIE ESTELLA	Thompsonville, Conn.
PERRINE, ELIZABETH STEVENS	Upper Red Hook, N. Y.
RANKIN, MARY HELEN	Saybrook Point, Conn.
SCUDDER, ISABELLE	Asbury Park, N. J.
TRASK, ELIZABETH	Springfield.

SPECIAL STUDENTS.

BAKER, SARAH MARINDA	Lancaster.
BOARDMAN, ELIZABETH WARNER	Sheffield.
CHAMBERS, MARTHA	Jacksonville, Ill.
CLARK, GRACE LORINE	Mount Vernon, N. Y.
CLAUSON, JESSIE L.	Rutland, Vt.
COLEGROVE, LOTTIE MAE	Clinton, N. Y.
DAVIS, ISABELLA H.	Windsor, Vt.
FEUSTEL, MARY E.	South Hadley Falls.
FITCH, MABEL IDA	Kansas City, Mo.
HALL, BESSIE M.	Portsmouth, O.
HARMON, AURELIA P.	Warren, O.
KELLOGG, CORA	Granby.
LAWSON, SUSIE MINERVA	Union, Conn.
LEWIS, GRACE	Brockport, N. Y.
MEKEEL, GERTRUDE	Yorktown Heights, N. Y.
MONTGOMERY, MAY F.	Gilman, Iowa.
NICHOLS, EDITH	Aurora, Ill.
NOYES, EVA JOSEPHINE	Haverhill.
ORTMAN, A. ELIZABETH	Stirling, N. J.
PARKS, GRETA	Springfield.
PHIPPS, HARRIET	New Castle, Penn.
PULSIFER, MARY H.	Auburn, Me.
RICHARDSON, ANNIE L.	Cornish, Me.
STEARNS, HARRIET MABEL	West Lebanon, N. H.
STOERLEIN, MARY	Spirit Lake, Iowa.
TAYLOR, JACOBINA WALKER	Southbridge.
VERRILL, INA BELLE	Alexandria, N. H.
WARDEN, FRANCES L.	Hanover, N. H.
WINSLOW, CLARA F.	Amherst.
WOODSIDE, GRACE OWEN	Brunswick, Me.

SUMMARY OF STUDENTS.

COURSES.

GRADUATE,	3
CLASSICAL,	112
SCIENTIFIC,	56
LITERARY,	117
MUSIC,	11
SPECIAL,	30
	329
Less music students, counted twice,	2
Total,	327

RESIDENCE.

The United States:	
Connecticut,	59
District of Columbia,	1
Illinois,	9
Indiana,	1
Iowa,	2
Kansas,	3
Maine,	25
Massachusetts,	91
Missouri,	2
New Hampshire,	15
New Jersey,	14
New York,	49
Ohio,	15
Pennsylvania,	9
Rhode Island,	3
Tennessee,	1
Utah,	1
Vermont,	19
Wisconsin,	3
Other Countries:	
Japan,	2
Macedonia,	1
Spain,	1
Turkey,	1
	327

DEGREES CONFERRED IN 1894.

MASTER OF ARTS.

CORWIN, REBECCA	Cleveland, O.
GULICK, MRS. ALICE GORDON	San Sebastian, Spain.
PARSONS, ELLEN C.	New York City.

BACHELOR OF ARTS.

ABBOT, FANNY HOLMES	East Orange, N. J.
ALLYN, ELEANOR	Lyme, Conn.
BARBER, HARRIET A.	Seymour, Conn.
BEMIS, LEIGH JEANNETTE	Shrewsbury.
BLAKE, CLARA L.	Nashua, N. H.
BUDD, SARAH ROWAND	Mount Holly, N. J.
BUNNELL, ELIZABETH H.	Tunkhannock, Penn.
DICKINSON, LAURA	Amherst.
FOWLER, ELIZABETH BELL	Biddeford, Maine.
FROST, CAROLINE ELIZABETH	Methuen.
HAYES, EDITH PARSONS	Holyoke.
KANE, ELIZABETH GALLOWAY	Waterbury, Conn.
MCGILL, MARGARET	Dover.
MORSE, EMMA DORINDA	Saint Johnsbury, Vt.
OSGOOD, LUCY ROYAL	Ellsworth, Maine.
PATTANGALL, KATE HAYDEN	Pembroke, Maine.
SMITH, KATE WINNIFRED	Middlefield.
SMITH, MABEL ESTHER	Palmer.
STRYKER, MINNIE	Flemington, N. J.
WEEKS, ANGELINA L.	Gorham, Maine.
WHITE, CAROLINE L.	Brookline.

BACHELOR OF SCIENCE.

AYRES, FRANCES C.	Peoria, Ill.
BACON, IMOGENE	S. Glastonbury, Conn.
DURGIN, CORA A.	Worcester.
GIFFORD, GRACE	Jamestown, N. Y.
KEITH, MARY HELEN	Braintree.
KNOWLES, RUTH MAY	East Orleans.
LYON, MARTHA	Morrisville, Vt.
MOODY, JULIA ELEANOR	Chicago, Ill.
MOSHER, RHENA E.	Westfield, N. Y.
WILCOX, ALICE MIRIAM	Meriden, Conn.

GRADUATE STUDENTS.

BACON, IMOGEN, B.S.,	South Glastonbury, Conn.
EDWARDS, MARY E., A.B.,	Westhampton.
OSGOOD, LUCY ROYAL, A.B.,	Ellsworth, Me.

STUDENTS.

SENIOR CLASS.

AVERILL, SARAH, **S.***	Pomfret, Conn.
BARBOUR, CATHARINE HAYDEN, **S.**	San Sebastian, Spain.
BARTHOLOMEW, ELLEN E., **S.**	Ansonia, Conn.
BEEDE, ALICE GERTRUDE, **C.**	Centre Sandwich, N. H.
BLAKE, ETHEL WINTHROP, **L.**	Westfield.
BLISS, SERAPH A., **S.**	Lebanon, Conn.
BLUNT, KATE MARION, **L.**	Haverhill.
BOND, VIOLET RUSSELL, **L.**	Monastir, Macedonia.
BRIGGS, ELLA MARION, **S.**	Shelton, Conn.
BROWN, ALICE WEBBER, **L.**	Palmer.
BRYANT, FLORENCE MARION, **L.**	Morrisville, Vt.
CASKEY, MARY OLIVIA, **L.**	Morristown, N. J.
CLARK, MARY LUELLA, **C.**	Worcester.
DAVIS, EVELYN HOOKER, **S.**	Gardiner, Me.
DRESSER, ANNIE SLOSSON, **C.**	Richmond Furnace.
GOODRICH, MARY AUGUSTA, **L.**	Delhi, N. Y.
GREELEY, FLORENCE P., **L.**	Lowville, N. Y.
HALL, ALICE UNDERWOOD, **S.**	Chicago, Ill.
HALL, MARTHA SNELL, **C.**	Jamestown, N. Y.
HALSEY, ANNIE SHERMAN, **S.**	North Paterson, N. J.
HAYNES, FRANCES E., **L.**	Fitchburg.
HERRICK, MINNIE TYLER, **S.**	Constantinople, Turkey.
HINCHMAN, LESBIA R., **S.**	Denville, N. J.
HOLMES, ALICE MAY, **S.**	Eastport, Me.
HYDE, ELIZABETH HITCHCOCK, **C.**	Ware.
JONES, CASSINA MAY, **L.**	Hanover, N. H.
KEITH, SARAH EMMA, **S.**	Braintree.
KELLOGG, EFFIE LOUISE, **C.**	Granby.

* L., Literary Course; S., Scientific Course; C., Classical Course.

LEAVITT, MARIAN FAY, **C.**	Melrose.
MESERVE, ELIZABETH E., **S.**	Vassalboro, Me.
NORTH, EVA METCALF, **L.**	Chicago, Ill.
NYE, GRACE, **S.**	Hiawatha, Kan.
OSBORNE, ELLA LOUISE, **L.**	La Crosse, Wis.
PARSONS, ANGIE ESTELLE, **C.**	South Hadley Falls.
POST, MARY AGNES, **C.**	Clinton, N. Y.
ROBINSON, ALICE M., **C.**	New Castle, Me.
ROOT, HELENA CAROLINE, **L.**	Thomaston, Conn.
SANDERSON, LYDIA ELIZABETH, **C.**	Cleveland, O.
SARGENT, MARTHA A., **C.**	West Boylston.
SCHWENDLER, SADIE, **C.**	Rochester, N. Y.
SEARLE, CLARA PRENTISS, **C.**	Westfield.
SMITH, ELSIE FLORENCE, **L.**	Brooklyn, N. Y.
SWARTZ, ELECTRA PAULINE, **L.**	Chicago, Ill.
SYVRET, FLORENCE, **L.**	Worcester.
TERRILL, BERTHA MARY, **L.**	Morrisville, Vt.
THOMAS, LETITIA E., **L.**	Troy, O.
WALTON, EDITH MAY, **C.**	North Cambridge.
WELLES, GRAYCE SOUTHWORTH, **C.**	Taunton.
WRIGHT, MARY HURD, **C.**	Bridge Hampton, N. Y
YAMAWAKI, HANA, **S.**	Okayama, Japan.

JUNIOR CLASS.

ALLEN, LUELLA M., **L.**	Winchendon.
ANDREWS, HARRIET E., **S.**	Rochester, N. Y.
BAKER, LUCY FISH, **C.**	Jamestown, N. Y.
BILLAM, FLORA E., **L.**	Ansonia, Conn.
BLUNT, FLORENCE TOLMAN, **L.**	Haverhill.
BUDD, MARY WOODWARD, **S.**	Mount Holly, N. J.
BURROUGHS, GRACE, **C.**	Coxsackie, N. Y.
BUTLER, MABEL L., **C.**	West Boylston.
BYINGTON, MARTHA DAY, **C.**	East Hardwick, Vt.
CALDER, MATILDA SMYRELL, **S.**	Hartford, Conn.
CAMPBELL, FRANCENA LOUISE, **C.**	Derry, N. H.
CARPENTER, JANE BRODIE, **L.**	Andover.
CHENEY, ALICE MARIA, **L.**	Beloit, Wis.
COTTON, ETHEL HAMILTON, **S.**	Portsmouth, O.
DEACON, MAMIE ELISE, **L.**	Bridgeport, Conn.
DOLLEY, GRACE L., **L.**	Gorham, Me.
DONALDSON, JESSIE BATTERSHALL, **L.**	Ellenville, N. Y.
ELLISON, GERTRUDE HERMIONE, **C.**	North Andover.
GAY, MAUDE C., **S.**	Terryville, Conn.
GIBBONS, DORA B., **L.**	Franklin, N. Y.
GIBBONS, VERNETTE L., **S.**	Franklin, N. Y.
GLAZIER, HATTIE EUDORA, **C.**	Lisbon, N. H.

SARA A. WORDEN,
Drawing.

MARCIA ANNA KEITH, B.S.,
Physics.

SARAH EFFIE SMITH, B.S.,
Mathematics.

FLORENCE PURINGTON,
Mathematics.

† ELLA ADELAIDE KNAPP, A.M.,
English Literature.

MARY CHANDLER LOWELL, M.D.,
Physician and Instructor in Physiology.

LOUISE FITZ-RANDOLPH,
History of Art.

ELIZABETH SLATER, A.M.,
Greek.

KATHERINE ELISABETH SIHLER,
German Language and Literature.

ALICE PORTER STEVENS, A.B.,
Greek and Rhetoric.

MARY FRANCES LEACH, B.S.,
Chemistry.

VIDA FRANK MOORE, PH.B.,
Philosophy and Political Economy.

MARY ELIZABETH HARTLEY,
French, German, and Italian.

MARTHA LINCOLN HILLS, A.B.,
English Literature.

LOUISE BAIRD WALLACE,
Zoölogy.

REBECCA CORWIN, A.M., S.T.B.,
Theism, Biblical Literature, and Semitic Languages.

NELLIE AMELIA SPORE,
Elocution and Physical Culture.

ARMA ANNA SMITH, A.B.,
Latin and Mathematics.

SARAH AVERILL,
Laboratory Assistant in Zoölogy.

MARY HELEN KEITH, B.S.,
Laboratory Assistant in Chemistry.

ANNIE L. RICHARDSON,
Laboratory Assistant in Botany.

ABBIE R. KNAPP,
Assistant Librarian.

CAROLINE BOARDMAN GREENE,
Registrar.

MISS EMILY M. EDSON,
MRS. E. L. PURNELL,
MISS AGNES T. BEMIS,
Superintendents of Domestic Department.

LECTURERS AND NON-RESIDENT INSTRUCTORS.

PROFESSOR CHARLES A. YOUNG, PH.D., LL.D., of Princeton College,
Astronomy.

PROFESSOR CHARLES H. HITCHCOCK, PH.D., of Dartmouth College,
Geology.

PROFESSOR ALONZO S. KIMBALL, PH.D., of Worcester Polytechnic Institute,
Physics.

ALFRED M. FLETCHER, of Northampton,
Music.

MISS HARRIET L. ELLSWORTH, of Worcester,
Vocal Music.

LOUIS COENEN, of Springfield,
Violin.

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MISS CHARLOTTE MORRILL, of Brooklyn.
Chosen by the Alumnæ.

MRS. ELIZABETH STORRS MEAD, A.M,
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REV. JOHN L. R. TRASK, D.D.,
SECRETARY.

A. LYMAN WILLISTON, A.M.,
TREASURER.

MOUNT HOLYOKE ALUMNÆ ASSOCIATION.

Annual Meeting in the College Chapel, Tuesday p. m., June 18, 1895.

PRESIDENT.

MRS. EMILY WHITE SMITH, Glencoe, Ill.

SECRETARY,

MISS LOUISE F. COWLES, Mount Holyoke College.

TREASURER,

MISS SARAH H. MELVIN, Mount Holyoke College.

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New Haven Association.

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President: MISS EMMA J. SLOAN, 1494 Chapel street, New Haven, Conn.

Association of the Northwest.

President: MRS. ZELLA ALLEN DIXSON, Library, Chicago University, Chicago, Ill.

Association of Boston and Vicinity.

President: MISS LAURA S. WATSON, Andover.

Association of Worcester and Vicinity.

President: MRS. ELEANOR EVERETT KIMBALL, 28 Boynton street, Worcester.

Pacific Association.

President: MRS. SUSAN TOLMAN MILLS, Mills College, Alameda Co., Cal.

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Hartford Association.

President: MRS. LAURA JOHNSON RICHARDS, 13 Townley street, Hartford, Conn.

Eastern New York Association.

President: MISS MARY S. CUTLER, State Library, Albany, N. Y.

Franklin County, Mass., Association.

President: MRS. EMMA FERRIN COWAN, South Deerfield.

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President: MRS. MARY HALL BOSWORTH, 4 Lincoln street, Springfield.

Utah and Rocky Mountain Association.
President: MRS. ANNA HOOD HALL, Salt Lake City, Utah.

Oriental Association.
President: MRS. FLORA STEARNS BOWEN, Constantinople, Turkey.

New Hampshire Association.
President: MRS. ROSA HAMMOND PORTER, Concord, N. H.

Association of Washington and Vicinity.
President: MRS. MARY MILLARD DICKINSON, 1335 Corcoran st., Washington, D. C.

Southern California Association.
President: MISS HELEN PEABODY, Pasadena, California.

European Association.
President: MRS. ALICE GORDON GULICK, San Sebastian, Spain.

HISTORY OF MOUNT HOLYOKE SEMINARY, AND CATALOGUES.

Orders for the *History of Mount Holyoke Seminary*, published in 1887, and for the *General Catalogue* of the officers and students from 1837 to 1889, may be addressed, Mount Holyoke College, South Hadley, Mass. The price of the *History* is $2.00, or $2.25 if sent by mail or express prepaid. The price of the *General Catalogue* by mail is 75 cents.

A copy of the Annual will be sent to any Mount Holyoke student who will forward her address to the College Registrar.

As the Memorandum Society has been discontinued a Quinquennial Catalogue will be issued in June, 1895. All orders for this may be addressed to Miss Caroline B. Greene, Registrar. The exact price cannot be stated before publication.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

LYMAN WILLISTON HALL, MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

CALENDAR.

Spring Recess,	March 25 to April 9, 1896.
Baccalaureate Sermon,	Sunday, June 14, 1896.
Meeting of the Mount Holyoke Alumnæ Association,	Tuesday, P. M., June 16, 1896.
Commencement Exercises,	Wednesday, 11 A. M., June 17, 1896.
Entrance Examinations,	June 2–5 and September 15-18, 1896.

Academic Year begins	Thursday, September 17, 1896.
Founder's Day,	Thursday, November 5, 1896.
Thanksgiving Recess,	Tuesday evening to Friday noon.
Winter Recess,	December 23, 1896, to January 7, 1897.
Day of Prayer for Colleges,	Thursday, January 28, 1897.
Second Semester begins	Thursday, February 4, 1897.
Holiday, Washington's Birthday,	Monday, February 22, 1897.
Spring Recess,	March 24 to April 8, 1897.

ENTRANCE EXAMINATIONS IN WILLISTON HALL, JUNE 2–5, AND SEPTEMBER 15–18, 1896.

Tuesday, 1.30 P. M., History of United States.
" 2.45 P. M., English and Rhetoric.
" 7 P. M., Ancient History.
Wednesday, 8.30 A. M., Algebra.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 4 P. M., Botany.
" 7 P. M., Physics.
" 7 P. M., English History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Vergil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

All students should register in the office of the Registrar immediately on arrival.

LYMAN WILLISTON HALL, MOUNT HOLYOKE COLLEGE, SOUTH HADLEY, MASS.

ANNUAL

OF

MOUNT HOLYOKE COLLEGE

IN

SOUTH HADLEY, MASS.

1895-1896.

PUBLISHED BY

THE COLLEGE.

MOUNT HOLYOKE SEMINARY

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

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ROMANCE LANGUAGES.

FRENCH : —

1. Méthode Berlitz (Premier Livre) ; reading of easy prose ; grammaire.
2. Verbes (réguliers et irréguliers) ; dictées ; poëmes et fables ; reading.
3. Grammaire : Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes : George Sand, Sandeau, Souvestre, Toepffer.
4 (*a*) Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle : Petit de Julleville, Albert. Chansons de geste, Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
4 (*b*) Français Scientifique : French Popular Science by Jules Luquiens ; L'Année Scientifique et Industrielle par L. Figuier ; Revue Scientifique (Revue rose).
5. Histoire de la Littérature du XVIIème siècle. Corneille : Le Cid, Cinna, Horace, Polyeucte. Guizot : Corneille et son temps. Sainte-Beuve, J. Lemaitre, Faguet. Romanciers réalistes : H. Balzac, P. Mérimée, Stendhal.
6. Racine : Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau : Satires, L'Art poétique. Poëtes romantiques : Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.
7. Sainte-Beuve : Femmes célèbres. Molière : L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard : Le Joueur.
8. Philosophes du XVIIIème siècle : Voltaire, J. J. Rousseau, d'Alembert, Diderot, etc. Ecoles philosophiques : Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École romantique : Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.
9. Poésie et Théâtre du XIXème siècle : Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers Naturalistes : E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.
10. Old French : Marie de France ; Fabliaux ; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral : Mirèio, Nerto.

Courses 3, 4 (*a*) or 4 (*b*), 5, 8, and 10 constitute a major.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

SPANISH —

Método Berlitz; Conversation and exercises. Reading: Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Galdós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

GERMAN.

1. Otto's German Grammar; Das deutsche Buch; Brandt's German Reader.
2. Brandt's German Reader; Jagemann's Materials for German Prose Composition; Riehl's Stories.
3 (*a*) Lessing: Minna von Barnhelm, Emilia Galotti, Wilhelm Tell; Jagemann's Materials for German Prose Composition.
3 (*b*) Brandt und Day's Reader in Scientific German; Riehl's Works; Wildernut's Works.
4 (*a*) Schiller: Jungfrau von Orleans, Maria Stuart, Lied von der Glocke, Ballads and Poems; Jagemann.
4 (*b*) Brandt und Day's German Reader; Seidel's Works; Kügelchen: Jugenderinnerungen eines alten Mannes.
5. Goethe: Hermann und Dorothea, Iphigenia, Tasso, Dichtung und Wahrheit; Fasnacht.
6. Schiller: Wallenstein; Goethe: Gedichte, Italienische Reise.
7. History of German Literature to 1832; Lessing: Nathan der Weise, Laokoon, Hamburger Dramaturgie; Goethe: Faust; Nibelungenlied.
8. Erste Blutezeit, 1190–1300. Wolfram von Eschenbach: Parzival, Titurel; Hartmann von Aue: Der arme Heinrich; Walter von der Vogelweide: Poems.
9. Reformation Period: Luther, Hans Sachs, Ulrich von Hutten, Paulus Gerhard, Klopstock.
0. Modern and contemporary writers. Advanced prose.

Courses 3 (*b*) and 4 (*b*) are courses in rapid reading for scientific students. Different selections will be made from Course 7 in different semesters. Courses 3 (*a*), 4 (*a*), or 3 (*b*), 4 (*b*), and 5, 6, 7 constitute a major.

ENGLISH.

RHETORIC.—

1. Narration, description, exposition, with study of models and brief papers each week illustrating the topics under consideration.

In 1897: Shakespeare's The Merchant of Venice; Burke's Speech on Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

In 1898: Shakespeare's Macbeth; Burke's Speech on Conciliation with America; De Quincey's The Flight of a Tartar Tribe; Tennyson's The Princess.

All writing must give evidence of thorough study of diction, sentences and paragraphs. Text-books recommended: A. S. Hill's Foundation of Rhetoric; Genung's Outlines of Rhetoric; Strang's Exercises in English Composition.

There should be four years of preparatory work in English with weekly exercises in composition.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

ELEMENTARY BOTANY.—Spalding's Introduction to Botany, or an equivalent; Plant Determination.

ELEMENTARY PHYSICS.—Avery's Elements of Natural Philosophy, or an equivalent.

FRENCH OR GERMAN.

FRENCH.—Méthode Berlitz, 1er Livre; Grammaire; Six Fables de La Fontaine; Contes Merveilleux, Sauveur; Two of Bôcher's College Plays; Two Books of Modern Prose Writers; Esther, Racine; Le Cid, Corneille.

GERMAN.—Otto's Elementary Grammar; Das deutsche Buch, van Daell; Lyric Poems and Ballads memorized; Brandt's German Reader; Narrations; Memorizing; Composition; German Exercises (Stein); Fluch der Schonheit, Spielmanns Kind, Riehl; L'Arrabiata Heyse.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required but may be offered in place of one of the modern languages.

LITERARY COURSE.

Subjects for examination are the same as for entrance to the Classical Course, with the following additions:—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required but may be offered in place of one of the modern languages.

ENTRANCE EXAMINATIONS.

Entrance examinations take place at the College, June 2–5, or September 15–18, 1896.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, New York city, Bangor, Me., and Boston. Any candidate desiring to take examinations in these places or elsewhere, in June, should communicate with the President before May, 1896. A fee will be charged for examinations given outside the College.

Examination in preliminary subjects, Ancient and English History, History of the United States, Latin Grammar, Cæsar, Greek Grammar and Anabasis, may be taken at any time before entering College. Examinations in all other subjects must be taken within a year of entrance.

ENTRANCE CERTIFICATES.

The Principal of a preparatory school from which a student wishes to enter on certificate in September may apply for a place on our list of accredited schools, not later than May 1. In response to such application, a blank form will be sent which is to be filled out by the Principal and returned with a prospectus of the school.

A place on the accredited list of schools is given for the first year on trial. If the first students prove satisfactory, the right to the position will be continued for a period not exceeding three years.

The Principal of the preparatory school must present a certificate of scholarship for each applicant. Blank forms will, on application, be sent to the Principal.

Examinations in preliminary subjects, *i. e.*, Arithmetic (including the metric system), History (Greek, Roman, English, United States), Latin Grammar, Cæsar (4 books), Greek Grammar and Anabasis (4 books), may be held at any time before entering College. Examinations on all other subjects must be held within a year of entrance. The preparation must cover in full the requirements stated in our College Annual.

All certificates of scholarship must be forwarded to the College before June 15, unless special arrangements have been made with the Board of Examiners.

The student must be prepared for examination in all subjects not covered by the certificate. In all doubtful cases the teacher is requested to throw the responsibility of the examination upon the College.

Applicants will not be admitted if conditioned in more than two subjects or heavily conditioned in *one* of the following: Mathematics, Latin, Greek, French, German.

Students admitted by certificate are on probation during the first year.

Communications relating to certificates may be addressed to the Board of Examiners.

No students are admitted under sixteen years of age.

EXAMINATIONS IN STUDIES OF THE COURSE.

Examination for advanced standing or in conditioned subjects may be taken at the College at the time of entrance examinations, June 2–5, or September 15–18, and at the close of each semester.

REQUIREMENTS FOR THE BACHELOR'S DEGREE.

The group system under consideration for the past two years is outlined in the present annual.

The unit of time is the semester hour, that is, one exercise a week for one semester will secure one hour credit. Three hours in laboratory or studio are necessary to secure one hour credit.

No more than fifteen exercises a week will be allowed.

The work of each course falls into three divisions:—

1. Required. 2. A group of related studies elected by the student. 3. Free electives.

1. REQUIRED: —

BACHELOR OF ARTS.

Greek: 12 hours.	Courses 1, 2, 3.	
Latin: 12 hours.	Courses 1, 2, 3.	
English: 8 hours.	Rhetoric: Courses 1, 2.	
	Literature: Course 6.	
Mathematics: 8 hours.	Courses 1, 2.	
Science: 12 hours.	Botany: Course 1.	
	Zoölogy: Course 1.	
	Chemistry: Course 1.	
	Physics: Course 2.	
History: 8 hours.	Courses 1, 2.	
Philosophy: 4 hours.	Course 2 or Course 6.	
Bible: 8 hours.	Courses 1, 2, 3, 4.	

BACHELOR OF SCIENCE.

If French is offered for entrance,
French: 4 hours. Courses 3, 4 (*a*).
German: 16 hours. Courses 1, 2 and 3 (*a*), 4 (*a*), or 3 (*b*), 4 (*b*).
If German is offered for entrance,
German: 4 hours. Courses 3 (*a*), 4 (*a*).
French: 16 hours. Courses 1, 2, 3, 4 (*a*), or 4 (*b*).
English: 8 hours. Rhetoric: Courses 1, 2.
Literature: Course 6.
Mathematics: 8 hours. Courses 1, 2.
Science: 24 hours including
Botany: 4 hours. Courses, 1, 2.
Zoölogy: 4 hours. Courses 1, 2.
Chemistry: 4 hours. Course 1.
Physics: 4 hours. Course 3.
Philosophy: 4 hours. Course 2 or Course 6.
Bible: 8 hours. Courses 1, 2, 3, 4.

BACHELOR OF LITERATURE.

If French is offered for entrance,
French: 4 hours. Courses 3, 4 (*a*).
German: 16 hours. Courses 1, 2 and 3 (*a*), 4 (*a*), or 3 (*b*), 4 (*b*).
If German is offered for entrance,
German: 4 hours. Courses 3 (*a*), 4 (*a*).
French: 16 hours. Courses 1, 2, 3, 4 (*a*), or 4 (*b*).
Mathematics: 4 hours. Parts of Courses 1, 2.
Science: 8 hours. Botany: Course 1.
Zoölogy: Course 1.
Chemistry: Course 1,
or
Physics: Course 2.
History: 10 hours. Ancient.
Mediæval and Modern: Courses 1, 2.
Philosophy: 8 hours. Courses 2, 4.
Bible: 8 hours. Courses 1, 2, 3, 4.

2. Forty hours of related work, twenty being given to a major subject, and twenty more to two minors.

The major subject should be chosen during the Sophomore year, and all work from that time planned under the direction of the President and the Professor at the head of that department, by whose advice the division of the forty hours may be changed and also the time of taking a required course, provided the course be taken at some time when it is regularly given.

Unless it is specified to the contrary, required work may count towards the major and minors.

In place of a major and two minors, a student may choose one of the following groups. These groups are arranged to meet the need of those who expect to teach in high schools and academies.

Language Group:

Any three of the following:

- Latin: 12 hours.
- Greek: 12 hours.
- French: 16 hours, if offered for entrance; if not, 24 hours.
- German: 16 or 24 hours as above.

Science Group:

- Chemistry: 8 hours.
- Botany: 8 hours.
- Physics: 8 hours.
- Geology and Mineralogy: 4 hours.
- Zoölogy: 4 hours.
- Astronomy: 4 hours.
- Physiology: 4 hours.

English Group:

- Rhetoric: 6 hours.
- Literature: 16 hours.
- History: 12 hours.
- Language: 24 hours.
- Philosophy: 8 hours.

3. Free Electives.

Any course may be elected subject to the conditions stated in the description of the courses.

REQUIREMENTS FOR THE MASTER'S DEGREE.

Candidates for the Master's degree will be required:—

1. To have completed the Bachelor's Course.

2. To have spent at least one year of resident study at the College, under the direction of a special committee of the Faculty appointed for supervising and directing that work.

3. To present a satisfactory thesis upon a subject which has been approved by the head of the department in which the principal part of the candidate's work has been done.

COURSES OF STUDY.

Each course is four hours a week for one semester unless otherwise stated.

GREEK.

1. Lysias, Selected Orations; Prose Composition; Plato, Apology and Crito.
2. Herodotus, Selections; Homer, Odyssey.
3. Demosthenes, De Corona; Xenophon, Memorabilia.
4. Rise and development of the Greek Drama; Euripides, Alcestis.
5. Sophocles, Antigone; Æschylus, Prometheus.
6. Pausanias; Greek Life and Monuments; Pindar, or Theocritus.

Courses 1–5 constitute a major.

Mount Holyoke College contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages.

LATIN.

1. Cicero, De Senectute, De Amicitia; Horace, Selected Odes; Prose Composition.
2. Livy, Books XXI., XXII.; Prose Composition.
3. Tacitus, Germania and Agricola; Pliny's Letters.
4. Horace, Satires and Epistles; Juvenal.
5. Plautus; Terence.
6. Cicero, De Natura Deorum, De Immortalitate; Lucretius.

Courses 1–5 constitute a major.

HEBREW.

1. Harper's Introductory Hebrew Method and Manual, and Elements of Hebrew.
2. Continuation of the above; also translation of I. Samuel; and sight reading.
3. Readings from the Psalms and Prophetical Books; Study of Syntax and Vocabularies; sight reading.

Courses in Arabic, Syriac, and Assyrian will be offered as they may be desired.

ROMANCE LANGUAGES.

FRENCH : —

1. Méthode Berlitz (Premier Livre) ; reading of easy prose ; grammaire.
2. Verbes (réguliers et irréguliers) ; dictées ; poëmes et fables ; reading.
3. Grammaire : Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes : George Sand, Sandeau, Souvestre, Toepffer.
4 (*a*) Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle : Petit de Julleville, Albert. Chansons de geste, Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
4 (*b*) Français Scientifique : French Popular Science by Jules Luquiens ; L'Année Scientifique et Industrielle par L. Figuier ; Revue Scientifique (Revue rose).
5. Histoire de la Littérature du XVIIème siècle. Corneille : Le Cid, Cinna, Horace, Polyeucte. Guizot : Corneille et son temps. Sainte-Beuve, J. Lemaitre, Faguet. Romanciers réalistes : H. Balzac, P. Mérimée, Stendhal.
6. Racine : Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau : Satires, L'Art poétique. Poëtes romantiques : Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.
7. Sainte-Beuve : Femmes célèbres. Molière : L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard : Le Joueur.
8. Philosophes du XVIIIème siècle : Voltaire, J. J. Rousseau, d'Alembert, Diderot, etc. Ecoles philosophiques : Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École romantique : Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.
9. Poésie et Théâtre du XIXème siècle : Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers Naturalistes : E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.
10. Old French : Marie de France ; Fabliaux ; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral : Mirèio, Nerto.

Courses 3, 4 (*a*) or 4 (*b*), 5, 8, and 10 constitute a major.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

SPANISH —

Método Berlitz; Conversation and exercises. Reading: Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Galdós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

GERMAN.

1. Otto's German Grammar; Das deutsche Buch; Brandt's German Reader.
2. Brandt's German Reader; Jagemann's Materials for German Prose Composition; Riehl's Stories.
3 (*a*) Lessing: Minna von Barnhelm, Emilia Galotti, Wilhelm Tell; Jagemann's Materials for German Prose Composition.
3 (*b*) Brandt und Day's Reader in Scientific German; Riehl's Works; Wildernut's Works.
4 (*a*) Schiller: Jungfrau von Orleans, Maria Stuart, Lied von der Glocke, Ballads and Poems; Jagemann.
4 (*b*) Brandt und Day's German Reader; Seidel's Works; Kügelchen: Jugenderinnerungen eines alten Mannes.
5. Goethe: Hermann und Dorothea, Iphigenia, Tasso, Dichtung und Wahrheit; Fasnacht.
6. Schiller: Wallenstein; Goethe: Gedichte, Italienische Reise.
7. History of German Literature to 1832; Lessing: Nathan der Weise, Laokoon, Hamburger Dramaturgie; Goethe: Faust; Nibelungenlied.
8. Erste Blutezeit, 1190–1300. Wolfram von Eschenbach: Parzival, Titurel; Hartmann von Aue: Der arme Heinrich; Walter von der Vogelweide: Poems.
9. Reformation Period: Luther, Hans Sachs, Ulrich von Hutten, Paulus Gerhard, Klopstock.
0. Modern and contemporary writers. Advanced prose.

Courses 3 (*b*) and 4 (*b*) are courses in rapid reading for scientific students. Different selections will be made from Course 7 in different semesters. Courses 3 (*a*), 4 (*a*), or 3 (*b*), 4 (*b*), and 5, 6, 7 constitute a major.

ENGLISH.

RHETORIC.—

1. Narration, description, exposition, with study of models and brief papers each week illustrating the topics under consideration.

2. (*a*) Argument, persuasion. In addition to short papers, four debates and essays. Genung's Handbook of Rhetorical Analysis and Baker's Specimens of Modern Argumentation.
   (*b*) Lewes' Principles of Success in Literature.
3. (*a*) The technic of the novel; the structure of the essay.
   (*b*) Aristotle's Poetics, Freytag's Technic of the Drama.
   (*c*) Versification.
   Four essays.
4. Literary Criticism. Three essays.

Each of the above courses one hour a week throughout the year.

5. (*a*) An outline of the development of rhetorical theory, with special study of one ancient author, and examination of modern text-books.
   (*b*) Further study of principles of style and theories of criticism.

Two hours.

ENGLISH LITERATURE.—

1. (*a*) American Literature, lectures.
   (*b*) English Literature from 1450–1850. Brooke's Primer is used as a guide to a survey of the literature. Library readings, paragraph essays upon topics assigned, and lectures.
2. (*a*) Old English. Cook's First Book. Cook's Sievers' Old English Grammar is used as a frequent reference.
   (*b*) Late Middle English, Chaucer,—a study of the text with attention to Phonology and Etymology. Assigned readings in the literature of Chaucer.
3. The Development of the English Language from the earliest times, with an outline of its changes in sounds, forms, and syntax. Lectures and collateral readings.

One hour.

4. Old English Poetry. Elene. Beowulf. Ten Brink's History of English Literature and Stopford A. Brooke's Early English Literature are constantly used for reference.

Two hours.

5. Early English Literature,—the literature of the period of transition from Old English to Middle English, with attention to phonological changes.

Two hours.

6. English Prose and Poetry,—Chaucer, Spenser, Shakespeare, Milton Dryden, Addison, Coleridge, Wordsworth, Thackeray, Carlyle. Papers and discussions.

7. English Poetry of the Eighteenth and Nineteenth Centuries. Papers and discussions.

Two hours.

8. (*a*) The development of English Prose from the Fifteenth Century to the present. Essays, discussions, and lectures.
   (*b*) The Masters of English Poetry,—a course in the interpretation of works in their entirety. Essays, discussions, and lectures.
9. (*a*) Development of English Drama before Shakespeare.
   b) Shakespeare's Plays. Three comedies, three historical plays, and three tragedies are selected. A study of Shakespeare's technic is made on the basis of Freytag's Technic of the Drama. Essays, discussions, and lectures.
10. Seminary in the Literature of the Victorian Period,—a study of the literature in connection with Philosophy; Browning, Newman, Kingsley, Clough, Arnold, Eliot, Tennyson, Morris, Rossetti, Meredith.

Two hours.

11. Seminary in American Literature,—a critical study of the principal writers of America.

Two hours.

Courses 10 and 11 are open only to those who have taken Course 8 (*a*) and Course 4 in Philosophy. Courses 1, 2, 8, 9, 10, 11, constitute a major. When Modern English is made the major, Rhetoric or Old English may be a minor; if Old English is the major, Modern English may be a minor.

MATHEMATICS.

1. (*a*) Higher Algebra (Wentworth).
   (*b*) Solid and Spherical Geometry (Chauvenet).
2. (*a*) Geometry continued.
   (*b*) Plane and Spherical Trigonometry (Wells).
3. (*a*) Plane Analytical Geometry (C. Smith).
   (*b*) Differential and Integral Calculus (Osborne).
4. Theory of Equations (Burnside and Panton).
   History of Mathematics.
5. Solid Analytical Geometry (C. Smith).
   Must be preceded by Course 3 (*a*
6. Projective Geometry.
   Must be preceded by Course 3 (*a*).
7. Modern Higher Algebra.
   Must be preceded by Course 4.

8. Differential equations.

Must be preceded by Courses 4 and 5.

All scientific students are advised to elect Course 3. Courses 5, 6, 7, 8 may be either 2 or 4 hours.

Courses 1, 2, 3 and either Course 4 or Course 5 may constitute a major in mathematics.

BOTANY.

1. Lectures in General Morphology and Physiology. Critical study of the working organs of typical fern. Gymnosperms. Sight recognition of simpler orders in garden work.

Two hours.

2. Economic Botany. Laboratory and garden work with excursions for study of Compositæ, Gramineæ, Cyperaceæ. Fruits and seeds. Completion of herbarium of 75 plants.

Two hours.

3. A study of the anatomy and physiology of the plant cell and of its manufactured products.
4. Morphology and development of the Cryptogams. Cryptogamic herbarium.
5. Trees in winter. Age, organs, problems of trees. Winter seed vessels.
6. Plant evolution. Tissues and methods of reproduction.
7. Embryology of Phænogams. Germination of seeds. Theories of reproduction. Heredity.
8. Vegetable physiology. History of Botany.
9. Fertilization of flowers. Adaptations in plants to agents used in pollenation.

Courses 1–6 constitute a major.

ZOÖLOGY.

1. (*a*) Lectures on fundamental facts and principles of General Biology in their special application to animal life.
   (*b*) Special study of earthworm to gain an elementary knowledge of animal Morphology, Physiology, and Embryology.
   (*c*) Drawings and diagrams of objects studied are required.

Two hours.

2. Comparative Zoölogy, a continuation of Course 1. Invertebrate Morphology.

Two hours.

3. Comparative Anatomy; dissection of Vertebrates.

4. Birds; determination of species, structure, habits, and songs.
5. Histology; microscopical technic.
6. Comparative Embryology; special study of chick embryology.
7. Elements of Neurology.
8. Entomology.
9. Osteology.
10. Historical Seminar. Lectures on topics of biological interest, as heredity, variation, and other subjects suggested by the writings of Darwin, Wallace, and Weismann.

Courses 1–6 constitute a major.

A Biological Club meets occasionally during the year. A Journal Club meets fortnightly to report current Zoölogical literature.

MARINE ZOÖLOGY.—

There is an opportunity for students to take courses in Marine Zoölogy at the Marine Biological Laboratory, Wood's Holl, Mass. Credit is given by the College for such courses. The College subscribes each year for an investigator's room at this laboratory during its summer session.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

The work consists of lectures by the Resident Physician.

Development and structure are illustrated by models, charts, and dissection of the lower animals.

Lectures upon the management of emergency cases, with practical demonstrations in bandaging, etc., upon the history, science, and medical import of cookery, and upon sanitary science of homes and schools conclude the course.

CHEMISTRY.

1. Elementary General Chemistry. Lectures, recitations, and laboratory work.

Scientific students and others intending to pursue the study of Chemistry further should take this course the first semester. It will also be given the second semester.

2. Qualitative Analysis. Mainly laboratory work.

Second semester. Must be preceded by Course 1.

3. Quantitative Analysis.

First semester. Must be preceded by Course 2.

4. Continuation of Course 3.
5. Organic Chemistry.

First semester. Must be preceded by Course 2.

6. **Advanced General Chemistry. Lectures on Theoretical Chemistry; laboratory experiments too difficult for Course 1.**

Second semester. Must be preceded by three courses in Chemistry and by at least one course in Physics.

7. **Teacher's Short Course, including quantitative experiments, and lectures on the more common organic compounds and reactions.**

First semester.

8. Journal Club.

Credit one hour. Open to students who are taking a major in Chemistry and to others who receive special permission.

Courses 5 and 6 will be offered in 1896–97 and alternate years thereafter. Courses 3, 4, and 7 will be omitted in 1896–97, but will be offered in 1897–98 and alternate years thereafter. Courses 1, 2, 3, 5, and 6 constitute a major.

PHYSICS.

1. **General Physics.**

Two hours. Lecture course for literary students.

2. **General Physics.**
3. **Mechanics, Heat, Light.**
4. **Sound, Magnetism, Electricity.**
5. **Practical Physics.**
6. **Advanced course in Heat and Light.**
7. **Electrical Measurement.**

All courses except 1 require a knowledge of Trigonometry. Course 3 requires a previous course in elementary Physics. Courses 4 and 6 must be preceded by Course 3; and Course 7, by Course 4. Courses 3–7 may constitute a major.

ASTRONOMY.

1. **Lecture course.**

One hour. Neither Mathematics nor Physics required.

2. **Descriptive Astronomy.**
3. **Descriptive Astronomy.**

Four hours throughout the year.

Courses 2 and 3 are open to those who have taken Trigonometry and required Physics.

4. **History of Astronomy.**
5. **Practical Astronomy.**

Two hours for one semester or for the year. Open to those who have had Course 2 or Course 3.

A major in Physics-Astronomy is offered.

Sophomore year, second semester, Physics 4 hours.

Junior year, first semester, Astronomy 4 hours.

Junior year, second semester, and all of Senior year, Astronomy and Physics each two hours.

GEOLOGY AND MINERALOGY.

1. Physiographic and Dynamical Geology. The successive formations are illustrated by charts and maps, especially the geological map of the United States prepared by Professor Hitchcock of Dartmouth College, also by a good collection of lantern slides.
2. Mineralogy. Description with identification and classification of specimens, also study of Crystallography with glass models and others.
3. Lithological Geology. Further study of Crystallography and Petrography with use of microscope and polarizer; also the preparation of rock sections with the section cutter. There is a well equipped cabinet for the study of Lithology.

Course 3 must be preceded by Course 2.

4. Dynamical and Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleóntological department also contains a fine collection of fossil footmarks of the Connecticut valley. It is expected that those who enter upon this study shall have a sufficient knowledge of living forms and their classification to admit of the study of fossils.
5. Paleontology. This course is a continuation of that in the previous semester, embracing special study of fossils and their affinity with living forms.

HISTORY.

ANCIENT HISTORY, GRECIAN AND ROMAN.—

Topical recitation from library references; abstracts, theses, and lectures.

MEDIÆVAL AND MODERN HISTORY.—

1. The History of Mediæval Europe.

This course begins with the study of the sources of mediæval and modern civilization, especially of Rome and the Church.

Next are traced the invasions, settlements, and characteristic traits and customs of the Germans; the growth of the Merovingian and Carlovingian dynasties, with special reference to the Empire of Charlemagne; the national growth of France through the reign of St. Louis, of Germany to

the accession of the Hapsburgs, and of England through the reign of Henry III.; the growth and influence of the Church and its union with the Empire; rise and power of Mohammedanism, and its influence upon Europe; the Feudal system; the conflict between the Papacy and the Empire; the Crusades and their results; the growth of absolute monarchy in France and constitutional monarchy in England.

2. From the Renaissance to the close of the Reformation.

This course includes a study of the Renaissance in all its phases, from its dawn to its decline, in Italy, Germany, England, and France; of the struggle for constitutional liberty; of the decline of the Papacy, and the establishment of centralized monarchies in France, England, and Spain; of the origin, progress, and results of the Reformation, including the religious wars, and closing with the Treaty of Westphalia.

3. From the Treaty of Westphalia to the close of the Napoleonic Wars.

This course treats of the growth of the French monarchy in the seventeenth century; of the system of the balance of power; of the causes, progress, and results of the English Revolution; of the rise of Prussia. It also includes a careful study of French political, social and religious institutions and philosophical writers, preliminary to a detailed study of the French Revolution and its results; of the rise of Napoleon and the Empire; of the European Wars, and the history of party government in England in the eighteenth century.

4. From 1815 to the present time.

This course gives a general survey of the European history of the nineteenth century, with special attention to that of England, France, Germany, Italy, Russia, and Switzerland. A prominent object is to trace the growth of the national spirit, of constitutional government, and of popular rights.

5. English Constitutional History.

Study of the origin and early growth of the English Constitution; examination of the charters, and the later development of the constitution.

The student is assigned topics which require the study of documents and of the principal authorities on constitutional history, upon which reports are made to the class.

Two hours.

6. American Constitutional History.

This course opens with the study of local government in the Colonies, and of colonial charters, through reference to the records of the colonial governments, as far as possible, as well as to the most reliable authorities. This is followed by a study of the elements of Colonial Union; the transformation of the colonies into States; the origin of the Federal Union; the formation, nature, adoption, and operation of the constitution.

Two hours.

ECONOMICS.

Walker's Advanced Course in Political Economy is used as the basis, with references to the works of Ely, Marshall, Mill, and others.

Given the first semester. Open to Seniors.

PHILOSOPHY.

1. LOGIC.—

Jevons-Hill's Elements of Logic; Collateral readings in Mill's Logic, Everett's Science of Thought and Whately's Elements of Logic.

Two hours, second semester. Open to all students after the Freshman year.

2. PSYCHOLOGY.—

James' Psychology; Readings from Ladd's Elements of Physiological Psychology, Baldwin's Handbook of Psychology, McCosh's Psychology, and other authorities. Discussion of the principles of the various schools.

First semester. Open to Juniors and Seniors.

3. INTRODUCTION TO PHILOSOPHY.—

Stuckenberg's Introduction to the Study of Philosophy, with readings from Paulsen's Introduction to Philosophy. The object of this course is to prepare the student for more advanced work by a preliminary discussion of the nature and problems of philosophy.

First semester. Open to Juniors and Seniors.

4. HISTORY OF PHILOSOPHY.—

An outline course in the development of philosophic thought from Schwegler's History of Philosophy; Collateral readings in Zeller's Greek Philosophy, Ueberweg's History of Philosophy, Erdmann's History of Philosophy, and other standard works.

Second semester. Open to those who have taken Course 2.

5. SEMINARY.—

Study of the works of philosophers of the modern period.

First semester. Open to those who have taken Courses 2 and 4.

6. ETHICS.—

Robinson's Principles and Practice of Morality. Lectures and discussions with references to standard works.

Second semester. Open to Seniors.

Courses 2–6 constitute a major.

HISTORY OF ART.

1. (*a*) Ancient Sculpture and Architecture, Egyptian, Chaldeo-Assyrian, Greek, and Roman; with the results of recent archæological research and as interpreting the development of thought and literature.

   (*b*) Christian Art. Early examples, Rome and Ravenna. The Basilica type in architecture. Byzantine School of decoration. Illuminated Manuscripts. The Romanesque and Gothic Cathedrals.

   (*c*) The Renaissance. Architects and Sculptors of Tuscany. Early Florentine Painters. Schools of Florence, Umbria, Padua, and Venice, with special reference to the master works of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto. Early Schools, Flanders and Germany.

2. Art of the Seventeenth and Eighteenth Centuries. Flemish, Dutch, and German Painters. Spanish Art, Velasquez and Murillo. French and English Schools. Review of Modern Art.

Course 2 is open to any who have taken Course 1, or its equivalent. The illustrations of History of Art consist of plans, engravings, Arundel prints, and more than four thousand photographs, selected for the purpose by Miss Randolph, in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject, the lectures, the current year, presenting a survey of the history of painting through the age of the Renaissance in Italy.

ELOCUTION.

1. Breathing and voice exercises, emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.
4. The Drama.

Given the second semester.

BIBLE AND THEISM.

1. Introduction to the Gospels, and historical study of the Life of Christ, using Stevens and Burton's Harmony of the Gospels as text-book.

2. Apostolic History and Introduction to the Epistles.
3. Old Testament History, tracing the progress in the national life of Israel, and following the development in the divine revelation through the Jewish nation as its medium, to its culmination in the Messiah.
4. Literary study of Poetical and Prophetical books and selected portions, giving attention to the historical setting, the form, structure, and development of thought in each.

Bible classes are arranged for one hour throughout the year, or for two hours for one semester.

5. Theism and Evidences of Christianity.

Two hours.

MUSIC.

This department is under the direction of Prof. Alfred M. Fletcher of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not otherwise connected with the College, or as an elective study for students pursuing a college course. The method of voice culture is that known as the old Italian or Lamperti method, as taught by William Shakespeare of London. Aside from private lessons, a specialty is made of sight reading and voice training in classes, giving thorough study of major and minor scales, the relation of all intervals, notation signs, and an analysis of rhythm. It aims to prepare students to sing intelligently in quartette or choral work. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants for courses of study in this department are requested to prepare for examination in the following works :—

PIANO.—Technical Exercises, by Edwin B. Story; Cramer's Etudes, Book I.; Hasert, Op. 50; The easier Sonatas of Haydn and Mozart; Mendelssohn's Songs without Words.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Songs from the best German, English, or American composers.

VIOLIN.—C. N. Allen's Etude-Album.

After the Freshman Year students of the College may elect any branch of music-study for which they are qualified.

No student is received for a shorter time than the college *year*.

A choral class, open to all students, has weekly rehearsals conducted by the musical director, in which especial attention is given to the study of church music.

Frequent recitals will be given, public concerts, and lectures upon musical subjects, in the course of the year.

Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks :—

Organ, piano, or vocal lessons,	$50 00
Violin or Violoncello,	50 00
Harmony or theory, in class,	15 00
Class lessons for vocal drill in sight reading,	10 00
Use of piano one hour daily,	15 00

All music students must study Harmony as far as "Suspension."
Tuition must be paid in advance for the *entire* year.

DRAWING.

Perspective; Cast drawing,—plant forms, heads, parts of the human body; Outdoor sketching; Still life; Modeling in clay; Drawing from the Antique; Drawing from Life—heads, draped model; Original composition.

Lectures on Perspective, Composition, Decoration, Theory of Art, and Current Art topics are given in the course.

The course extends over a period of three years with six hours work in the studio each week.

PAINTING.

1. Painting from still life; Outdoor sketching. (*a*) Lectures on Philosophy of Painting, and History of Greek, Roman, and early Italian Painting; (*b*) Lectures on History of Dutch, German, and English Schools.

2. Painting from still life and exercises in Composition; (*a*) Lectures on later Italian Painting, and Flemish and Spanish Schools; (*b*) Lectures on History of French School, and on Painting in America.

3. Painting from still life; Outdoor sketching.

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the college. Her heart and lungs are tested, and information solicited concerning the habits and general health. Careful measurements are taken by the director of the gymnasium that any lack of development may be discovered, and from these data a card of exercise is made for each individual.

The eclectic system employed seeks to secure the harmonious development of all parts of the body. Particular attention is given to correct carriage and easy muscular play.

Attendance at regular work in the Gymnasium is required during three half hours a week from all members of the three lower classes unless regularly excused. Elective work is offered to the Senior class.

TEACHERS' COURSE.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations. Opportunity is also offered to graduates of other colleges who desire to pursue a special line of advanced study.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for *special* work may be accommodated in the building as far as possible. If not thus provided for, board may be obtained in private families at an expense varying from $4 to $6 per week.

MISCELLANEOUS INFORMATION.

The grounds contain seventy acres. A broad lawn in front is partly covered by tennis courts. A grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook, are in the rear of the buildings. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the footpath and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college building is the home of the teachers and students. It contains the chapel, and has connected with it a commodious gymnasium. Steam heat is supplied throughout, and electric lighting, while an elevator gives easy access to the upper stories. Pure water is furnished in abundance from an artesian well four hundred and fifty feet deep. The sanitary arrangements have received most careful consideration.

Two cottages used as dormitories accommodate a limited number of students.

LIBRARY AND READING-ROOM.—The library is a fire-proof building, connected by a corridor with the main edifice. There are at present nearly sixteen thousand books on the shelves to which the students have direct access, aided by card catalogues of authors and subjects, a classified index, and other helps. The library annex furnishes room for twenty-five thousand additional volumes.

There are working libraries in several departments in Williston Hall, and a constantly increasing library of books of reference for Bible study, embracing many of the best expositions old and new, the works of the early Christian fathers, histories of the Jewish and Christian churches, and of contemporary nations, records of travels and of explorations in Bible lands.

The commodious reading-room is liberally supplied with the leading papers and periodicals, both American and foreign.

HALL FOR CHEMISTRY AND PHYSICS.

WILLISTON HALL.—The art gallery occupies the upper floor of this building, including a central hall with adjacent rooms. Among its treasures are paintings by Bierstadt, Edwin White, George Inness, Robert Kluth, and other well known American artists.

The old masters are represented by copies from Giotto, Fra Angelico, Raphael, Titian, Guido Reni, Domenichino, Murillo, Rembrandt, and others. The History of Art is further illustrated by casts of antique statues and busts, collections of ancient coins and bronzes, and photographs and engravings.

Among the latest additions to the art gallery is the costly French publication of the Sidon Sarcophagi, the generous gift of Mrs. Cora Welch van Millingen, of the class of '59. The handsome folio plates, fifty in number, some of them in colors, richly demonstrate the beautiful effects of polychrome decoration in relief sculpture, as practiced by the Greeks.

On the second floor of Williston Hall are class rooms for several departments, the geological and mineralogical cabinets, and the zoölogical museum.

The laboratories and lecture rooms of Botany and Zoölogy are on the first floor, as are the herbarium and botanical museum. The latter contains representative collections of woods, seeds, seed-vessels, and a valuable economic collection. The working library common to the two departments adjoins the laboratories and contains upwards of eight hundred carefully selected works of reference and the more important periodicals. The laboratories are large, well lighted, and equipped with microscopes, microtomes, charts, models, and other apparatus necessary to practical work; each table is furnished with appliances for running water after Göttingen laboratory models. In the basement are preparation rooms and the aquarium for the observation of living animals and study of aquatic plants.

BOTANIC GARDEN.—The botanic garden, covering about one acre, occupies the slope toward the lake, east of Williston Hall, and is easily accessible to the laboratories; it adds materially to the facilities for botanical work, especially in cultivated aquatic plants in the series of artificial ponds lately added. A small plant house gives winter shelter to foreign plants and increases the range of types studied.

HALL FOR CHEMISTRY AND PHYSICS.—A fine building for Chemistry and Physics has recently been erected north of Williston Hall. The physical laboratory on the ground floor has a spacious lecture room, laboratories fitted with ample wall tables supported by brackets, a constant temperature room, dark rooms, apparatus room, library, and study. An experiment room for independent work of students is also provided. The second and third stories are devoted to Chemistry. Besides lecture and preparation rooms, and a laboratory for advanced work, there are three

large laboratories which, with their equipment, afford ample opportunities for work in General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry.

MUSIC HALL.—The studios for drawing occupy the upper floor. They are well arranged and furnished with models and casts adapted to a systematic course of study. Photographs from paintings, etchings, and technical studies hang upon the walls. The Library also furnishes a valuable aid to the student of art.

THE OBSERVATORY.—The John Payson Williston Observatory contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

EXPENSES.

The price of tuition for all students, regular and special, is $75 for the year, and board $175. This includes tuition in all branches required for the three regular courses, lectures, steam heating, and electric lights. One half the sum, $125, is to be paid the first Monday of the fall term, Sept. 21, 1896, and $125 the first Monday of the second term, Jan. 11, 1897. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

For instruction in music, see page 25. An extra charge is made for laboratory fees, washing, and meals sent to rooms.

The college building is closed during the vacations.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than eight dollars per week for the time spent at the Institution. No deduction will be made for absences. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular

courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary M. Stevens Scholarship of $5,000, established in 1889, by Mary M. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

The Cecilia L. Williston Scholarship of $5,000, established in 1892, by Mrs. Cecilia L. Williston of Northampton, Mass.

The Taylor Scholarship of $1,000, established in 1893. by Mrs. Horace Fairbanks of Saint Johnsbury, Vermont.

The Harriet N. Wilcox Scholarship of $1,000, established in 1894, by bequest of Miss Harriet N. Wilcox of Berlin, Conn.

The William W. Bradstreet Education Fund of $2,000, established in 1894; the income for the use of students from Gardiner, Maine, under certain restrictions.

The Elizabeth A. Westcott Scholarship of $1,000, established in 1895, by Mrs. Elizabeth Aldrich Westcott of Hopedale, Mass., in memory of two little granddaughters.

The C. T. Mills Scholarship of $1,000, established by Rev. Cyrus T. Mills of Mills College, California.

FAMILY ARRANGEMENTS.

Recreation time extends from Tuesday evening to six o'clock on Wednesday evening.

Calls are not received on the Sabbath.

Attendance at the Sabbath morning service and at the daily chapel service is required.

Every student is expected to share in the care of the family. The time necessary for this service does not exceed fifty minutes daily.

Each student furnishes her own towels, napkins, and napkin ring, two pairs of sheets for single bed, pillow-cases, and one pair of blankets; also two teaspoons and a dessert spoon. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Books and stationery can be purchased at the Institution on reasonable terms.

RAILWAY, TELEGRAPHIC, AND TELEPHONIC CONNECTIONS.

Mount Holyoke College is located at South Hadley, Mass., four miles from Holyoke, where stages connect with the express trains of the Boston and Maine Railway.

Stages also connect at Smith's Ferry, two miles from the College, with accommodation trains of the Boston and Maine Railway except during the winter months.

Tickets can be bought or baggage checked to Holyoke or Smith's Ferry from all principal points.

The Post Office and Express address of the College is South Hadley, Mass.

The Institution is connected with long distance telephone.

Western Union telegrams should be addressed South Hadley, Mass.; for the Telegraph Company have an arrangement whereby telegrams are telephoned to the College from Holyoke free of expense.

STUDENTS.

SENIOR CLASS.

ALLEN, LUELLA MAY, L.*	Winchendon.
ANDREWS, HARRIET ELIZA, S.	Rochester, N. Y.
BAKER, LUCY FISH, C.	Jamestown, N. Y.
BILLAM, FLORA ELIZABETH, L.	Ansonia, Conn.
BLUNT, FLORENCE TOLMAN, L.	Haverhill.
BUDD, MARY WOODWARD, S.	Mount Holly, N. J.
BURROUGHS, GRACE, C.	Coxsackie, N. Y.
BUTLER, MABEL LOUISE, C.	West Boylston.
BYINGTON, MARTHA DAY, C.	East Hardwick, Vt.
CALDER, MATILDA SMYRELL, S.	Hartford, Conn.
CAMPBELL, FRANCENA LOUISE, C.	Derry, N. H.
CHENEY, ALICE MARIA, L.	Beloit, Wis.
COTTON, ETHEL HAMILTON, S.	Portsmouth, O.
DEACON, MAMIE ELISE, L.	Bridgeport, Conn.
DOLLEY, GRACE LEAH, L.	Gorham, Me.
DONALDSON, JESSIE BATTERSHALL, L.	Ellenville, N. Y.
ELLISON, GERTRUDE HERMIONE, C.	North Andover.
GIBBONS, DORA BELLE, L.	Franklin, N. Y.
GIBBONS, VERNETTE LOIS, S.	Franklin, N. Y.
GLAZIER, HATTIE EUDORA, C.	Lisbon, N. H.
GLEASON, ANNA MAY, L.	Chicago, Ill.
GODDARD, AGNES LOUISE, C.	Ashtabula, O.
HALLOCK, MARY ELIZABETH, C.	Steubenville, O.
HARMON, WINNIFRED LOUISE, L.	Somersworth, N. H.
HAZEN, MARTHA MERRILL, C.	Northfield, Vt.
HILL, NELLIE LOUISE, L.	Northwood, N. H.
HIRST, EMMA AMELIA, S.	Paola, Kan.
HOOKER, BESSIE MAY, C.	Amherst.
HUTCHINS. MARY LORANDA, L.	Waukegan, Ill.
HYDE, GERTRUDE STEWART, C.	Norwich, Conn.
JOHNSTON, MAY JOSEPHINE, C.	Chicago, Ill.
KATHAN, FLORENCE ABBIE, C.	Putney, Vt.
KEITH, CORA FRANCES, C.	Braintree.
KENYON, ELIZABETH WATSON, S.	Point Judith, R. I.

* L., Literary Course; S., Scientific Course; C., Classical Course.

KNOTT, ANNA LOIS, L.	Beaver Falls, Penn.
LAKE, MARGARET BELLE, L.	Rockville, Conn.
LONG, SUE GERTRUDE, L.	Rutland, Vt.
LOWE, GRACE ELIZABETH, S.	Whitinsville.
LYMAN, ANNIE AMELIA, S.	Fall River.
MANSFIELD, MARY PAGE, C.	West Hartford, Conn.
MCKISSICK, ELIZABETH FUTHEY, C.	Oxford, Penn.
MELLOR, EVA THERESE, L.	Auburn, N. Y.
MOWRY, FLORENCE PASSMORE, L.	Woonsocket, R. I.
MUNSON, MAUDE ELVINA, S.	Huntington.
MURCH, ANNA LAURA, L.	Cleveland, O.
NEAL, LOTTA ETHELWYN, L.	Auburn, Me.
NORTHROP, EVELYN HOPE, C.	Tunkhannock, Penn.
PARK, JENNIE ALICE, S.	Huntington, Conn.
PEARSON, FLORENCE IRMA, L.	Beloit, Wis.
POMEROY, ANNIE LOUISE, L.	Springfield.
RANSOM, CAROLINE LOUISE, C.	Toledo, O.
REDMAN, EDITH, L.	Lexington.
RICHARD, DOROTHY MARY, C.	Newport, Vt.
RIDLON, SARAH EVELYN, L.	Gorham, Me.
ROBINSON, MARY BELLE, L.	Bangor, Me.
SANGER, ABBIE MAY, L.	Franklin Falls, N. H.
SAXTON, MARY LUCINA, L.	Randolph, Vt.
SEYMOUR, MARY CORNELIA, S.	Norfolk, Conn.
SHEARER, ELIZABETH EICHELBERGER, C.	New York City.
SMALL, VIVIAN BLANCHE, C.	Augusta, Me.
SMITH, NELLIE LILLIS, C.	Palmer.
SMITH, STELLA ESTHER, L.	Wakefield.
STEVENS, MARY ARNOLD, L.	Cincinnati, O.
SUTPHEN, MINNIE CALISTA, C.	Palmyra, N. Y.
SWIFT, NELLIE HOUSTON, L.	Middleborough.
THOMAS, LUCINDA COLLINS, C.	Troy, O.
TOMBES, EDYTH HENRIETTA, L.	Ashtabula, O.
TREADWELL, ALICE, L.	Danbury, Conn.
TUCKER, EMMA CURTISS, C.	Swansea Centre.
TURNER, ABBIE HOWE, C.	Nashua, N. H.
USHER, MAUDE PIERCE, L.	Plainville, Conn.
VAN WINKLE, EDLA MAY, S.	Detroit, Mich.
WATSON, EVELYN HARRIS, L.	Woonsocket, R. I.
WATSON, MABEL ALICE, C.	Everett.
WILLS, REBEKAH BISHOP, S.	Rancocas, N. J.
WINSLOW, ELLEN AUGUSTA, L.	Westbrook, Me.
WORTHLEY, EVELYN MEHITABLE, C.	Brunswick, Me.
WRIGHT, MARY LYON, C.	Plainville, Conn.
WYCKOFF, JULIA, C.	Brooklyn, N. Y.

JUNIOR CLASS.

BATES, EMELINE CLARK, C.	Willimantic, Conn.
BENNER, CAROLYN FRANCES, L.	Wellesley.
BIDWELL, BERTHA CANDACE, L.	Freeport, Ill.
CAMPBELL, MARY FRANCES, C.	West Suffield, Conn.
CARPENTER, JANE BRODIE, L.	Andover.
CLARK, ELISABETH, S.	East Peacham, Vt.
CLARK, FLORENCE REBECCA, C.	West Brattleboro, Vt.
CLARY, LUSANNA MARIA, L.	Hallowell, Me.
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SUMMARY OF STUDENTS.

COURSES.

CLASSICAL,	119
SCIENTIFIC,	46
LITERARY,	138
MUSIC,	25
TEACHERS',	24
	352
Less music students, counted twice,	21
Total,	331

RESIDENCE.

The United States:	
Alabama,	1
Colorado,	2
Connecticut,	66
District of Columbia,	1
Illinois,	11
Indiana,	1
Iowa,	2
Kansas,	2
Maine,	25
Massachusetts,	83
Michigan,	1
Minnesota,	2
Missouri,	4
New Hampshire,	16
New Jersey,	14
New York,	41
Ohio,	17
Pennsylvania,	13
Rhode Island,	3
Vermont,	17
Wisconsin,	5
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Japan,	3
	331

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Chosen by the Alumnæ.

MRS. ELIZABETH STORRS MEAD, A.M.,
EX OFFICIO.

REV. JOHN L. R. TRASK, D.D.,
SECRETARY.

A. LYMAN WILLISTON, A.M.,
TREASURER.

MOUNT HOLYOKE ALUMNÆ ASSOCIATION.

Annual Meeting in the College Chapel, Tuesday p. m., June 16, 1896.

PRESIDENT.
MRS. EMILY WHITE SMITH, Glencoe, Ill.

SECRETARY.
MISS LOUISE F. COWLES, Mount Holyoke College.

TREASURER.
MISS SARAH EFFIE SMITH, Mount Holyoke College.

LOCAL ASSOCIATIONS.

New Haven Association.
Honorary President: MRS. THERA WEST FAIRCHILD, Manchester, N. H.
President: MISS EMMA J. SLOAN, 1494 Chapel street, New Haven, Conn.

Association of the Northwest.
President: MRS. ZELLA ALLEN DIXSON, Library, Chicago University, Chicago, Ill.

Association of Boston and Vicinity.
President: MISS LAURA S. WATSON, Andover.

Association of Worcester and Vicinity.
President: MRS. ELEANOR EVERETT KIMBALL, 28 Boynton street, Worcester.

Pacific Association.
President: MRS. SUSAN TOLMAN MILLS, Mills College, Alameda Co., Cal.

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President: MISS MARTHA CHAMBERLAIN, Honolulu, Oahu, Hawaiian Islands.

Philadelphia Association.
President: MRS. HARRIET LAWRENCE WILBUR, Bryn Mawr, Penn.

Association of New York, Brooklyn and Vicinity.
President: MRS. MARION GAYLORD ATWELL, Slingerlands, N. Y.

Hartford Association.
President: MRS. LAURA JOHNSON RICHARDS, 13 Townley street, Hartford, Conn.

Eastern New York Association.
President: MRS. ALICE HASTINGS COLVIN, Locust avenue, Troy, N. Y.

Franklin County, Mass., Association.
President: Mrs. EMMA FERRIN COWAN, South Deerfield.

Hampshire County, Mass., Association.
President: MRS. MATILDA SMITH MAGILL, Amherst.

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Hampden County, Mass., Association.
President: MRS. MARY HALL BOSWORTH, 4 Lincoln street, Springfield.

Utah and Rocky Mountain Association.
President: MRS. ANNA HOOD HALL, Salt Lake City, Utah.

Oriental Association.
President: MRS. FLORA STEARNS BOWEN, Constantinople, Turkey.

New Hampshire Association.
President: MRS. SARAH GEROULD BLODGETT, Franklin, N. H.

Association of Washington and Vicinity.
President: MRS. MARY MILLARD DICKINSON, 1335 Corcoran st., Washington, D. C.

Southern California Association.
President: MISS HELEN PEABODY, Pasadena, California.

European Association.
President: MRS. ALICE GORDON GULICK, San Sebastian, Spain.

Ohio Association.
President: MRS. ELIZA OTIS CROCKER, 836 Euclid avenue, Cleveland, Ohio.

Maine Association.
President: MRS. ETTA HALEY OSGOOD, 48 Winter street, Portland, Me.

HISTORY OF MOUNT HOLYOKE SEMINARY, AND CATALOGUES.

Orders for the *History of Mount Holyoke Seminary*, published in 1887, and for the *Quinquennial Catalogue* of the officers and students from 1837 to 1895, may be addressed to the Registrar, Miss Caroline B. Greene. The price of the *History* is $2.00, or $2.25 if sent by mail or express prepaid. The price of the *Quinquennial Catalogue* by mail is 75 cents.

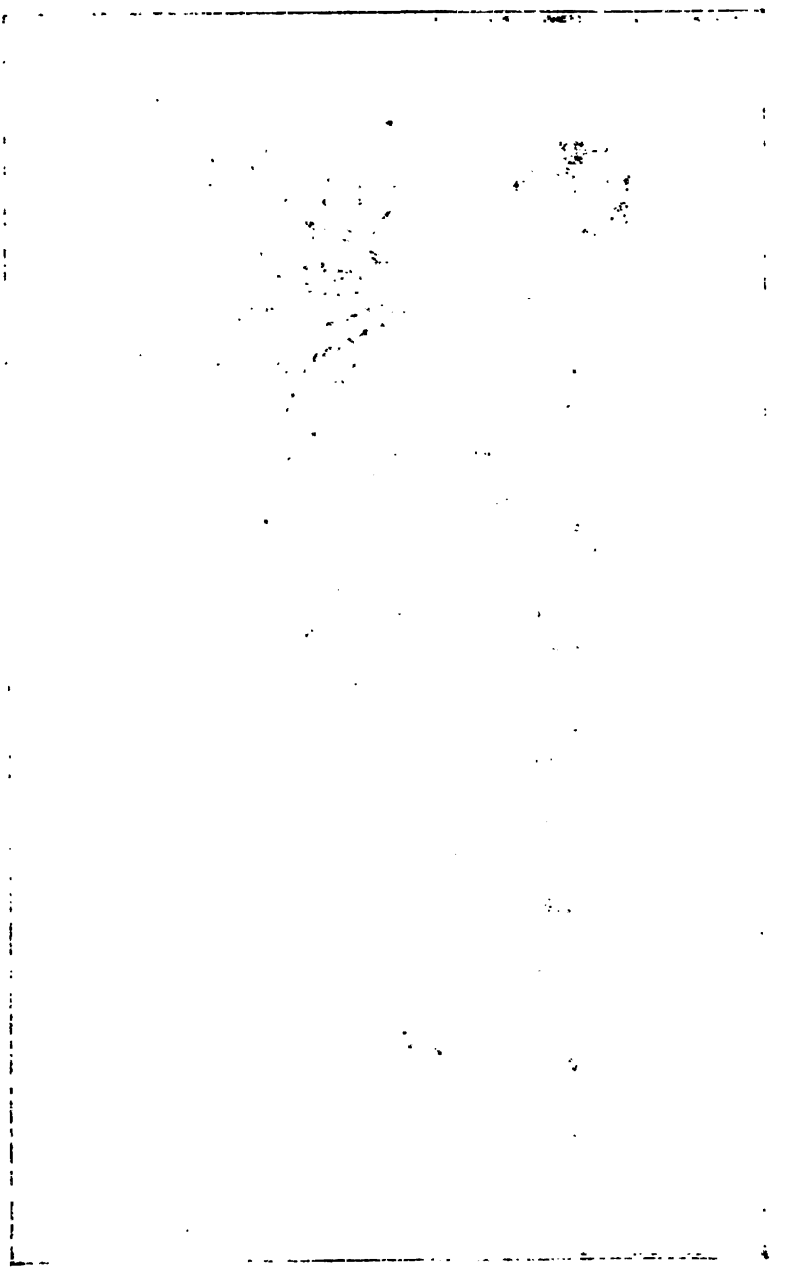
A copy of the Annual will be sent to any Mount Holyoke student who will forward her address to the College Registrar.

FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

LYMAN WILLISTON HALL.

HALL FOR CHEMISTRY AND PHYSICS.



HALL FOR CHEMISTRY AND PHYSICS.

ANNUAL

OF

MOUNT HOLYOKE COLLEGE

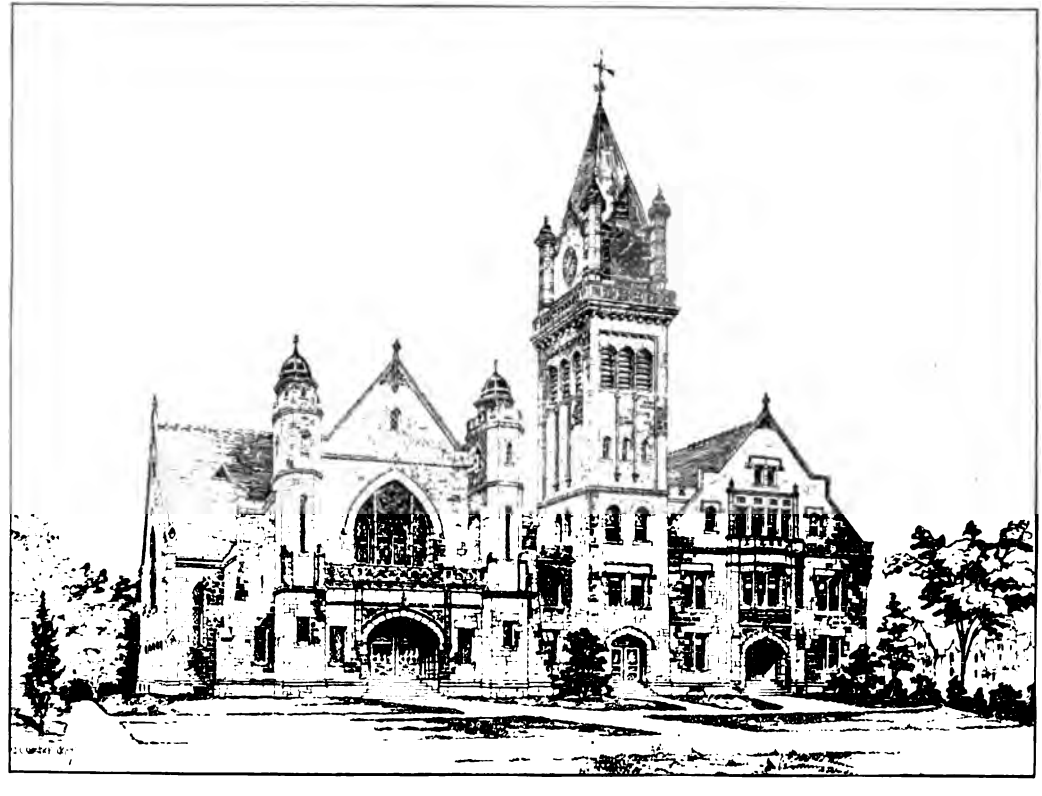
IN

SOUTH HADLEY, MASS.

1896-1897.

PUBLISHED BY

THE COLLEGE.



MARY LYON HALL.

MOUNT HOLYOKE SEMINARY

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

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CALENDAR.

Spring Recess,	March 24 to April 7, 1897.
Baccalaureate Sermon, by Rev. Arthur Little, D.D., of Dorchester,	Sunday, June 20, 1897.
Meeting of the Mount Holyoke Alumnæ Association,	Tuesday, P. M., June 22, 1897.
Commencement Exercises.—Address by Rev. Charles Cuthbert Hall, D.D., of Brooklyn, N. Y.,	Wednesday, 11 A. M., June 23, 1897.
Entrance Examinations,	June 8–10 and September 14–16, 1897.

Academic Year begins	Thursday, September 16, 1897.
Founder's Day,	Monday, November 8, 1897.
Thanksgiving Recess,	Tuesday evening to Friday noon.
Winter Recess,	December 22, 1897, to January 5, 1898.
Day of Prayer for Colleges,	Thursday, January 27, 1898.
Second Semester begins	Thursday, February 3, 1898.
Holiday, Washington's Birthday,	Tuesday, February 22, 1898.
Spring Recess,	March 30 to April 13, 1898.

ENTRANCE EXAMINATIONS IN SCIENCE HALL, JUNE 8-10 AND SEPTEMBER 14–16, 1897.

Tuesday, 1.30 P. M., History of United States.
" 2.45 P. M., English and Rhetoric.
" 7 P. M., Ancient History.
Wednesday, 8.30 A. M., Algebra.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 4 P. M., Botany.
" 7 P. M., Physics.
" 7 P. M., English History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Vergil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

All students should register in the office of the Registrar immediately on arrival.

REQUIREMENTS FOR ADMISSION.

CLASSICAL COURSE.

MATHEMATICS.—College Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

LATIN.—Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent; Cæsar, Gallic War, four books; Cicero, Seven Orations, or six if the Manilian Law is taken; Vergil's Æneid, six books; Sight translation. Latin verse will not be accepted in place of prose.

GREEK.—Greek Grammar; Jones's Exercises in Greek Prose Composition *entire*, or an equivalent; Xenophon, Anabasis, four books; Homer, Iliad, three books; the translation at sight of average passages of Attic and Homeric Greek; the translation into Greek of a connected passage based upon Xenophon.

HISTORY of the United States.

ANCIENT HISTORY.— Myer's History of the Eastern Nations and Greece to the death of Alexander, and Allen's History of the Roman People to the death of Marcus Aurelius, or equivalents.

ENGLISH.—General questions are given on books marked (1). Several short essays are required on subjects taken from books marked (2).

1897: (1) Shakespeare, As You Like It; Defoe, History of the Plague in London; Irving, Tales of a Traveller; Hawthorne, Twice Told Tales; Longfellow, Evangeline; George Eliot, Silas Marner. (2) Shakespeare, The Merchant of Venice; Burke, Conciliation with America; Scott, Marmion; Macaulay, Life of Samuel Johnson.

1898: (1) Milton, Paradise Lost, Books I. and II.; Pope, Iliad, Books I. and XXII.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Coleridge, The Ancient Mariner; Southey, Life of Nelson; Carlyle, Essay on Burns; Lowell, Vision of Sir Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Burke, Conciliation with America; De Quincey, The Flight of a Tartar Tribe; Tennyson, The Princess.

1899: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar

of Wakefield; Coleridge, The Ancient Mariner; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Lowell, The Vision of Sir Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Carlyle, Essay on Burns.

1900: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Scott, Ivanhoe; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Tennyson, The Princess; Lowell, The Vision of Sir Launfal. (2) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Macaulay, Essays on Milton and on Addison.

All writing must give evidence of thorough study of diction, sentences and paragraphs. Text-books recommended: A. S. Hill's Foundations of Rhetoric; Genung's Outlines of Rhetoric; Strang's Exercises in English Composition.

There should be four years of preparatory work in English with weekly exercises in composition.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects:—

BOTANY.—At least one hundred hours' work required. Laboratory drawings and notes must be presented. It is recommended that forms not demanding the use of the compound microscope be studied, using such text books as Bergen's Botany or Spalding's Introduction to Botany and Gray's Manual for Plant Determination.

PHYSICS.—Carhart and Chute's Physics, or an equivalent. Laboratory note books should be presented.

FRENCH OR GERMAN.

FRENCH.—Méthode Berlitz, Ier Livre; Grammaire française; Twelve fables de la Fontaine; Twelve poèmes; Three of Bôcher's College plays; Three books of Modern Prose writers; Esther, Racine; Le Cid, Corneille; Le Misanthrope, Molière. These are to be studied historically, or with reference to their place in the history of French literature.

GERMAN.—Elementary Grammar, Otto, entire; Das Deutsche Buch, Van Dael; Lyric Poems and Ballads memorized, twenty-five; Brandt's German Reader, entire; Jagemann's Prose Composition, fifty pages; Die Vierzehn Nothelfer, Riehl; Trost um Trost, Riehl; Ein Kleeblatt, M. Lenk; Aus dem Leben eines Taugenichts, Eichendorf; Immensee, Storm; Aus dem Tagebuch eines armen Fräuleins, M. Nathusins; L 'Arrabiata, Heyse.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

GREEK is not required but may be offered in place of one of the modern languages.

LITERARY COURSE.

Subjects for examination are the same, excepting Greek, as for entrance to the Classical Course, with the following additions :—

ENGLISH HISTORY.—Montgomery's Leading Facts in English History, or an equivalent.

FRENCH OR GERMAN as required for Scientific Course.

GREEK is not required but may be offered in place of one of the modern languages.

ENTRANCE EXAMINATIONS.

Entrance examinations take place at the College, June 8–10, or September 14–16, 1897.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, New York city, Bangor, Me., and Boston. Any candidate desiring to take examinations in these places or elsewhere, in June, should communicate with the President before May, 1897. A fee will be charged for examinations given outside the College.

Examinations in preliminary subjects, Ancient and English History, History of the United States, Latin Grammar, Cæsar, Greek Grammar and Anabasis, may be taken at any time before entering College. Examinations in all other subjects must be taken within a year of entrance.

ENTRANCE CERTIFICATES.

The Principal of a preparatory school from which a student wishes to enter on certificate in September may apply for a place on our list of accredited schools, not later than May 1. In response to such application, a blank form will be sent, which is to be filled out by the Principal and returned with a prospectus of the school.

A place on the accredited list of schools is given for the first year on trial. At any time when the students prove unsatisfactory the right may be withdrawn.

The Principal of the preparatory school must present a certificate of

scholarship for each applicant. Blank forms will, on application, be sent to the Principal.

Examinations in preliminary subjects, *i. e.*, Arithmetic (including the metric system), History (Greek, Roman, English, United States), Latin Grammar, Cæsar (4 books), Greek Grammar and Anabasis (4 books), may be held at any time before entering College. Examinations on all other subjects must be held within a year of entrance. The preparation must cover in full the requirements stated in our College Annual.

All certificates of scholarship must be forwarded to the College before June 15, unless special arrangements have been made with the Board of Examiners.

The student must be prepared for examination in all subjects not covered by the certificate. In all doubtful cases the teacher is requested to throw the responsibility of the examination upon the College.

Applicants will not be admitted if conditioned in more than two subjects or heavily conditioned in *one* of the following: Mathematics, Latin, Greek, French, German.

Students admitted by certificate are on probation during the first year.

Communications relating to certificates may be addressed to the Board of Examiners.

No students are admitted under sixteen years of age.

EXAMINATIONS IN STUDIES OF THE COURSE.

Examination for advanced standing or in conditioned subjects may be taken at the College at the time of entrance examinations, June 8–10, or September 14–16, and at the close of each semester.

REQUIREMENTS FOR THE BACHELOR'S DEGREE.

The work of the course is now directed in accordance with the group system.

The unit of time is the semester hour, that is, one exercise a week for one semester will secure one hour credit. Three hours in laboratory or studio are necessary to secure one hour credit.

No more than fifteen exercises a week will be allowed.

The work of each course falls into three divisions: —

1. Required. 2. A group of related studies elected by the student. 3. Free electives.

1. **Required:—**

BACHELOR OF ARTS.

Language: 20 hours.	Greek: 8 hours.	Courses 1, 2.
	Latin: 8 hours.	Courses 1, 2.
	Greek or Latin: 4 hours.	Course 3.
English: 8 hours.	Rhetoric: Courses 1, 2.	
	Literature: Course 6.	
Mathematics: 8 hours.	Courses 1, 2.	
Science: 12 hours.	Botany: Course 1.	
	Zoölogy: Course 1.	
	Chemistry: Course 1.	
	Physics: Course 2.	
History: 8 hours.	Courses 1, 2.	
Philosophy: 8 hours.	Courses 1, 2.	
Bible and Theism: 8 hours.	Courses 1, 2, 3, 4.	

BACHELOR OF SCIENCE.

Language: 20 hours.

If French is offered for entrance,

French: 8 hours. Courses 3, 4 (*a*) or 4 (*b*).

German: 12 hours. Courses 1, 2, and 3 (*a*) or 3 (*b*).

If Greek is offered for entrance,

French: 8 hours. Courses 1, 2.

German: 12 hours. Courses 1, 2, and 3 (*a*) or 3 (*b*).

If German is offered for entrance,

German: 8 hours. Courses 3 (*a*) or 3 (*b*), 4 (*a*) or 4 (*b*).

French: 12 hours. Courses 1, 2, 3.

English: 8 hours. Rhetoric: Courses 1, 2.
Literature: Course 6.

Mathematics: 8 hours. Courses 1, 2.

Science: 24 hours including
Botany: 4 hours. Courses 2, 3.
Zoölogy: 4 hours. Courses 1, 2.
Chemistry: 4 hours. Course 1.
Physics: 4 hours. Course 3.

Psychology may be substituted for one of the remaining four hour courses.

Philosophy: 8 hours. Courses 1, 2.

Bible and Theism: 8 hours. Courses 1, 2, 3, 4.

BACHELOR OF LITERATURE.

Language: 20 hours.

French and German: 8 hours of one and 12 hours of the other as under Bachelor of Science.

Or, Latin (or Greek if offered for entrance), 8 hours. Courses 1, 2, and French or German, 12 hours as above.

English: 16 hours.	Rhetoric: Courses 1, 2.
	Literature: Courses 1, 2, 8.
Mathematics: 4 hours.	Parts of Courses 1, 2.
Science: 8 hours.	Botany: Course 1.
	Zoölogy: Course 1.
	Chemistry: Course 1.
	or
	Physics: Course 2.
History: 8 hours.	Courses 1, 2.
Philosophy: 8 hours.	Courses 1, 2.
Bible and Theism: 8 hours.	Courses 1, 2, 3, 4.

2. **Forty hours of related work, twenty being given to a major subject, and twenty more to two minors.**

The major subject should be chosen during the Sophomore year, and all work from that time planned under the direction of the President and the Professor at the head of the department, by whose advice the division of the forty hours may be changed and also the time of taking a required course, provided the course be taken at some time when it is regularly given.

Unless it is specified to the contrary, required work may count towards the major and minors.

In place of a major and two minors, a student may choose one of the following groups. These groups are arranged to meet the need of those who expect to teach in high schools and academies.

Language Group:

Any three of the following:

Latin: 12 hours.
Greek: 12 hours.
French: 16 hours.
or
German: 16 hours.

Science Group:

Chemistry: 8 hours.
Botany: 8 hours.
Physics: 8 hours.
Geology and Mineralogy: 4 hours.
Zoölogy: 4 hours.
Astronomy: 4 hours.
Physiology: 4 hours.

English Group:

Rhetoric: 6 hours.
Literature: 16 hours.
History: 12 hours.
Language: 24 hours.
Philosophy: 8 hours.

3. Free Electives.

Any course may be elected subject to the conditions stated in the description of the courses.

REQUIREMENTS FOR THE MASTER'S DEGREE.

Candidates for the Master's degree will be required :—

1. To have completed the Bachelor's Course.

2. To have spent at least one year of resident study at the College, under the direction of a special committee of the Faculty appointed for supervising and directing that work.

3. To present a satisfactory thesis upon a subject which has been approved by the head of the department in which the principal part of the candidate's work has been done.

COURSES OF STUDY.

Each course is four hours a week for one semester unless otherwise stated.

GREEK.

1. **Lysias, Selected Orations; Prose Composition.**
   First semester.
2. **Plato, Apology and Crito; Homer, Odyssey; Prose Composition.**
   Second semester.
3. **Demosthenes, Selections; Euripides, one drama.**
   First semester.
4. **Rise and Development of Greek Drama; Three dramas.**
   Second semester.
5. **Plato, Protagoras; Aristophanes, or Historians, Selections.**
   First semester.
6. **Elegiac, Iambic, and Lyric Poetry.**
   Two hours, second semester.
7. **Sight Reading and Prose Composition.**
   Two hours, second semester.
8. **Topography and Monuments of Greece; Pausanias.**
   One hour, second semester. Open to Juniors and Seniors.
9. **New Testament.**
   One hour, second semester. Open to Juniors and Seniors.

Courses 1–5 constitute a major.

Mount Holyoke College contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages.

LATIN.

1. **Cicero, De Senectute, De Amicitia; Horace, Odes and Epodes; Prose Composition.**
   First semester.
2. **Livy, Books XXI., XXII.; Prose Composition.**
   Second semester.
3. **Tacitus, Germania and Agricola; Pliny's Letters.**
   First semester.

4. Horace, Satires and Epistles; Persius; Juvenal.
Second semester.

5. Plautus; Terence.
First semester.

6. Cicero, De Natura Deorum, De Immortalitate; Lucretius.
Second semester.

7. Lyric Poets; Quintilian.
Second semester.

Courses 1–5 constitute a major.

HEBREW.

1. Harper's Introductory Hebrew Method and Manual, and Elements of Hebrew.
First semester.

2. Translation of Historical Selections. Studies in Hebrew Grammar. Vocabularies and sight reading.
Second semester.

3. Readings from the Psalms and Prophetical Books. Study of Syntax. Vocabularies and sight reading.

Courses in Arabic, Syriac, and Assyrian will be offered as they may be desired.

ROMANCE LANGUAGES.

FRENCH:—

1. Méthode Berlitz (Premier Livre); reading of easy prose; grammaire.
First semester.

2. Verbes (réguliers et irréguliers); dictées; poëmes et fables; reading,
Second semester.

3. Grammaire: Larive et Fleury, Larousse, Chardenal. Romanciers idéalistes; George Sand, Sandeau, Souvestre, Toepffer.
First semester.

4 (*a*) Histoire de la Littérature depuis ses origines, du Moyen âge et du XVIème siècle: Petit de Julleville, Albert. Chansons de geste. Fabliaux, Drame, Mystères, Farces, Théâtre français avant la Renaissance.
Second semester.

4 (*b*) Français Scientifique: French Popular Science by Jules Luquiens; L'Année Scientifique et Industrielle par L. Figuier; Revue Scientifique (Revue rose).
Second semester.

5. Histoire de la Littérature du XVIIème siècle. Corneille : Le Cid, Cinna, Horace, Polyeucte. Guizot : Corneille et son temps. Sainte-Beuve, J. Lemaitre, Faguet. Romanciers réalistes : H. Balzac, P. Mérimée, Stendhal.

First semester.

6. Racine : Britannicus, Iphigénie, Athalie. Pascal, La Bruyère, La Rochefoucauld, Bossuet, Fenélon, Massillon. Boileau : Satires, L'Art poétique. Poëtes romantiques : Lamartine, Victor Hugo, Alfred de Musset, Béranger, Alfred de Vigny, Desbordes-Valmore, Th. Gautier.

Second semester.

7. Sainte-Beuve : Femmes célèbres. Molière : L'Avare, Le Bourgeois-gentilhomme, Le Misanthrope, Les Femmes savantes. Regnard : Le Joueur.

First semester.

8. Philosophes du XVIIIème siècle: Voltaire, J.J. Rousseau, d'Alembert, Diderot, etc. Écoles philosophiques : Lamennais, Leroux, E. Saisset, Jules Simon, Aug. Comte, Comte de Saint-Simon, Ch. Fourier. Histoire de la Littérature du XIXème siècle. École romantique : Victor Hugo, Lamartine, Mme. de Staël, Chateaubriand.

Second semester.

9. Poésie et Théâtre du XIXème siècle : Leconte de Lisle, F. Coppée, E. Augier, A. Dumas, V. Sardou, Legouvé, Labiche. Romanciers Naturalistes : E. et J. Goncourt, P. Bourget, H. de Bornier, Guy de Maupassant, Loti.

10. Old French : Marie de France ; Fabliaux ; Chanson de Roland. Ancien français du Xème au XVème siècle par Ch. Aubertin. Mistral : Mirèio, Nerto.

Courses 3, 4 (*a*), or 4 (*b*), 5, 8, and 10 constitute a major.

In all the courses except 1, 2, 3, selections are made according to the need of the class.

ITALIAN.—

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

First or second semester.

SPANISH.—

Método Berlitz ; Conversation and exercises. Reading : Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Gal-

dós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

First or second semester.

GERMAN.

1. Otto's German Grammar: Das deutsche Buch; Brandt's German Reader.

   First semester.

2. Brandt's German Reader; Jagemann's Materials for German Prose Composition; Riehl's Stories.

   Second semester.

3 (*a*) Lessing: Minna von Barnhelm, Emilia Galotti; Schiller: Wilhelm Tell; Jagemann's Materials for German Prose Composition.

   First semester.

3 (*b*) Brandt und Day's Reader in Scientific German; Riehl's Works; Wildermut's Works.

   First semester.

4 (*a*) Schiller: Jungfrau von Orleans, Maria Stuart, Lied von der Glocke, Ballads and Poems; Jagemann.

   Second semester.

4 (*b*) Brandt und Day's German Reader; Seidel's Works; Kügelchen: Jugenderinnerungen eines alten Mannes.

   Second semester.

5. Goethe: Hermann und Dorothea, Iphigenia, Tasso, Dichtung und Wahrheit; Fasnacht.

   First semester.

6. Schiller: Wallenstein; Goethe: Gedichte, Italienische Reise.

   Second semester.

7. History of German Literature to 1832; Lessing: Nathan der Weise, Laokoon, Hamburger Dramaturgie; Goethe: Faust; Nibelungenlied.

   First semester.

8. Erste Blütezeit, 1190–1300. Wolfram von Eschenbach: Parzival, Titurel; Hartmann von Aue: Der arme Heinrich; Walter von der Vogelweide: Poems.

   Second semester.

9. Reformation Period: Luther, Hans Sachs, Ulrich von Hutten, Paulus Gerhard, Klopstock.

   First semester.

10. Modern and contemporary writers. Advanced prose.

    Second semester.

Courses 3 (*b*) and 4 (*b*) are courses in rapid reading for scientific students. Different selections will be made from Course 7 in different semesters. Courses 3 (*a*), 4 (*a*), or 3 (*b*), 4 (*b*), and 5, 6, 7 constitute a major.

The Eichbund, a club for the advancement of German, meets weekly, and aims to bring before its members German lecturers, and such as speak on subjects of especial interest to students of German.

ENGLISH.

RHETORIC.—

1. Narration, description, exposition, with study of models and brief papers each week illustrating the topics under consideration.
   One hour throughout the year.
2. Argument, persuasion. In addition to short papers, four debates and essays. Genung's Handbook of Rhetorical Analysis and Baker's Specimens of Modern Argumentation.
   One hour throughout the year.
3. (*a*) The technic of the novel; the structure of the essay.
   (*b*) Aristotle's Poetics, Freytag's Technic of the Drama.
   (*c*) Versification.
   Four essays.
   Two hours, first semester.
4. Literary Criticism. Three essays.
5. (*a*) An outline of the development of rhetorical theory, with special study of one ancient author, and examination of modern text-books.
   (*b*) Further study of principles of style and theories of criticism.
   Two hours.
6. Journalistic work.
   One or two hours.

A major in Rhetoric will be outlined for any who wish it.

ENGLISH LITERATURE.—

1. (*a*) American Literature, lectures.
   (*b*) English literature from 1450–1850. Brooke's Primer is used as a guide to a survey of the literature. Library readings, paragraph essays upon topics assigned, and lectures.
   Second semester.
2. (*a*) Old English. Cook's First Book. Cook's Sievers' Old English Grammar is used as a frequent reference.
   (*b*) Late Middle English, Chaucer,— a study of the text with attention to Phonology and Etymology. Assigned readings in the literature of Chaucer.
   First semester.

3. **The Development of the English Language from the earliest times, with an outline of its changes in sounds, forms, and syntax. Lectures and collateral readings.**

One hour, first semester.

4. **Old English Poetry. Elene. Beowulf. Ten Brink's History of English Literature and Stopford A. Brooke's Early English Literature are constantly used for reference.**

Two hours, second semester.

5. **Early English Literature,—the literature of the period of transition from Old English to Middle English, with attention to phonological changes.**

Two hours, first semester.

6. **English Prose and Poetry,—Chaucer, Spenser, Shakespeare, Milton, Dryden, Addison, Coleridge, Wordsworth, Thackeray, Carlyle. Papers and discussions.**

Second semester.

7. **English Poetry of the Eighteenth and Nineteenth Centuries. Papers and discussions.**

Two hours, first semester.

8. **(*a*) The development of English Prose from the Fifteenth Century to the present. Essays, discussions, and lectures.**

(*b*) The Masters of English Poetry,—a course in the interpretation of works in their entirety. Essays, discussions, and lectures.

First semester.

This course must be preceded or accompanied by Course 3 in Rhetoric.

9. **(*a*) Development of English Drama before Shakespeare.**

(*b*) Shakespeare's Plays. Three comedies, three historical plays, and three tragedies are selected. A study of Shakespeare's technic is made on the basis of Freytag's Technic of the Drama. Essays, discussions, and lectures.

First semester.

10. **Seminary in the Literature of the Victorian Period,—a study of the literature in connection with Philosophy; Browning, Newman, Kingsley, Clough, Arnold, Eliot, Tennyson, Morris, Ruskin, Rossetti, Meredith.**

Two hours, second semester.

11. **Seminary in American Literature,—a critical study of the principal writers of America.**

Two hours, second semester.

Courses 10 and 11 are open only to those who have taken Course 8 (*a*) and Course 4 in Philosophy. Courses 1, 2, 8, 9, 10, 11, constitute a major. When

Modern English is made the major, Rhetoric or Old English may be a minor; if Old English is the major, Modern English may be a minor.

MATHEMATICS.

1. (*a*) Solid and Spherical Geometry (Chauvenet).
   (*b*) Plane Trigonometry (Wells).
   First semester.
2. (*a*) Spherical Trigonometry (Wells).
   (*b*) Higher Algebra (Wentworth).
   Second semester.
3. (*a*) Plane Analytical Geometry (C. Smith).
   First semester.
   (*b*) Differential and Integral Calculus (Osborne).
   Second semester.
4. Theory of Equations (Burnside and Panton).
   History of Mathematics.
   First semester.
5. Solid Analytical Geometry (C. Smith).
   Must be preceded by Course 3 (*a*).
   Second semester.
6. Projective Geometry.
   Must be preceded by Course 3 (*a*).
   First semester.
7. Modern Higher Algebra.
   Must be preceded by Course 4.
   Second semester.
8. Differential Equations.
   Must be preceded by Courses 4 and 5.
   First semester.

All scientific students are advised to elect Course 3. Courses 5, 6, 7, 8, may be either two or four hours.

Courses 1, 2, 3 and either Course 4 or Course 5 may constitute a major in mathematics.

BOTANY.

1. Lectures in General Morphology and Physiology. Critical study of the working organs of typical fern. Gymnosperms. Sight recognition of simpler orders in garden work.
   Two hours, second semester.

2. Economic Botany. Laboratory and garden work with excursions for study of Compositæ, Gramineæ, Cyperaceæ. Fruits and seeds. Completion of herbarium of 75 plants.
   Must be preceded by Course 1.
   Two hours, first semester.

3. A study of the anatomy and physiology of the plant cell and of its manufactured products.
   Two hours, second semester.

4. Morphology and development of the Cryptogams. Cryptogamic herbarium.
   Two hours, second semester.

5. Plant evolution. Tissues and methods of reproduction.
   Must be preceded by Courses 1, 2, and 3.
   First semester.

6. Embryology of Phænogams. Germination of seeds. Theories of reproduction. Heredity.
   Must be preceded by Courses 1, 2, 3, and 4.
   First semester.

7. Vegetable physiology. History of Botany.
   Must be preceded by Courses 1, 2, 3, 4, and 5.
   First semester.

8. Trees in winter. Age, organs, problems of trees. Winter seed vessels.
   Must be preceded by Courses 1, 2, and 3.
   Second semester.

9. Fertilization of flowers. Adaptations in plants to agents used in pollination.
   With or after Courses 1 and 2.
   Second semester.
   Courses 1–7 constitute a major.

Any one wishing to take a major in Botany should begin the subject the first semester of the Sophomore year.

ZOÖLOGY.

1. (*a*) Lectures on fundamental facts and principles of General Biology in their special application to animal life.
   (*b*) Special study of earthworm to gain an elementary knowledge of animal Morphology, Physiology, and Embryology.
   (*c*) Drawings and diagrams of objects studied are required.
   Two hours, first semester.

2. Comparative Zoölogy.
   (*a*) Invertebrate Zoölogy.
   (*b*) Vertebrate forms; fish, frog, etc.
   (*c*) Birds; determination of species, structure, habits, and songs.
   Two hours, second semester.

3. (*a*) Comparative Anatomy.
   (*b*) Elements of Neurology.
   First semester.

4. (*a*) Histology.
   (*b*) Comparative Embryology.
   Second semester.

5. Comparative Neurology.
   First semester.

6. Histology and Microscopical Technic.
   Second semester.

7. Osteology.
   First semester.

8. (*a*) Cellular Biology.
   (*b*) Historical Seminar.
   Second semester.

For students intending to make Zoölogy their major, the following scheme is outlined:—

Sophomore year, first semester, Course 1.
Sophomore year, second semester, Course 2.
Junior year, first semester, Course 3.
Junior year, second semester, Course 4.
Senior year, first semester, Course 5 or 7.
Senior year, second semester, Course 6 or 8.

A Biological Club meets occasionally during the year. A Journal Club meets fortnightly to report current Zoölogical literature.

MARINE ZOÖLOGY.—

There is an opportunity for students to take courses in Marine Zoölogy at the Marine Biological Laboratory, Wood's Holl, Mass. Credit is given by the College for such courses. The College subscribes each year for an investigator's room at this laboratory during its summer session.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

The work consists of lectures by the Resident Physician.

Development and structure are illustrated by models, charts, and dissection of the lower animals.

Lectures upon the management of emergency cases, with practical demonstrations in bandaging, etc., upon the history, science, and medical import of cookery, and upon sanitary science of homes and schools conclude the course.

Second semester.

CHEMISTRY.

1. **Elementary General Chemistry. Lectures, recitations, and laboratory work.**

Scientific students and others intending to pursue the study of Chemistry further should take this course the first semester. It will also be given the second semester.

2. Qualitative Analysis. Mainly laboratory work.
Second semester. Must be preceded by Course 1.

3. Quantitative Analysis.
First semester. Must be preceded by Course 2.

4. Continuation of Course 3.
Second semester.

5. Organic Chemistry.
First semester. Must be preceded by Course 2.

6. **Advanced General Chemistry. Lectures on Theoretical Chemistry; laboratory experiments too difficult for Course 1.**

Second semester. Must be preceded by three courses in Chemistry and by at least one course in Physics.

7. **Teacher's Short Course, including quantitative experiments, and lectures on the more common organic compounds and reactions.**
First semester.

8. Journal Club.
First and second semesters.

Credit one hour. Open to students who are taking a major in Chemistry and to others who receive special permission.

Courses 3, 4, and 7 will be offered in 1897–98, and may be expected alternate years thereafter. Courses 5 and 6 will be omitted in 1897–98, but will be offered in 1898–99, and may be expected alternate years thereafter. Courses 1, 2, 3, 5, and 6 constitute a major.

PHYSICS.

1. **General Physics.**
Two hours. Lecture course for literary students. First semester.

2. **General Physics.**
Second semester.

3. **Mechanics, Heat, Light.**
Second semester.

4. **Sound, Magnetism, Electricity.**
First semester.

5. **Practical Physics.**
6. **Advanced course in Heat and Light.**
7. **Electrical Measurement.**

All courses except 1 require a knowledge of Trigonometry. Course 3 requires a previous course in elementary Physics. Courses 4 and 6 must be preceded by Course 3; and Course 7, by Course 4. Courses 3–7 may constitute a major.

ASTRONOMY.

1. **Lecture course.**
One hour. Neither Mathematics nor Physics required. First or second semester.

2. **Descriptive Astronomy.**
First semester. Open to Juniors.

This course may be continued through the second semester.

Course 2 is open to those who have taken Trigonometry and required Physics.

3. **History of Astronomy.**
Second semester. Open to Juniors.

4. **Practical Astronomy.**
Two hours for one semester or for the year. Open to those who have had Course 2.

A major in Physics-Astronomy is offered.

Sophomore year, second semester, Physics 4 hours.

Junior year, first semester, Astronomy, four hours.

Junior year, second semester, and all of Senior year, Astronomy and Physics each two hours.

GEOLOGY.

1. (*a*) Lithological Geology. Study of Crystallography and Petrography with microscope and polarizer. Identification and classification of minerals. Well equipped cabinet, rock sections, glass models, etc.

   (*b*) Physiographic and Dynamical Geology. The successive formations are illustrated by maps and charts, especially the geological map of the United States by Dr. C. H. Hitchcock of Dartmouth College ; also by a good collection of lantern slides.

   Second semester.

   Must be preceded by at least one course in Chemistry.

2. Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks from the Connecticut valley. It is expected that those who take this course will have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

   First semester.

3. Paleontology. This is a continuation of Course 2, embracing further work in the study of fossils and their affinity with living forms.

   Second semester.

4. History of Geology.

   First semester.

5. Further work in Petrology, including the use of the section cutter and lithological microscope.

   Must be preceded by Course 1, and by one semester, at least, in Physics.

   First semester.

6. General Geology. Lectures,—a synoptical course treating of the leading principles of the science, and the more important events of geological history. Intended primarily for those students not intending to specialize in Geology.

   First semester.

   Each course is two hours.

   Courses 1, 2, 3, and 4, or 1, 2, 3, and 5 may form a minor.

   A major will be offered if desired.

MEDIÆVAL AND MODERN HISTORY.

1. **The History of Mediæval Europe.**

This course begins with the study of the sources of mediæval and modern civilization, (*a*) Rome, (*b*) the Church, (*c*) the Germans—their invasions, settlements, and characteristic traits and customs. Next is traced the growth of the Merovingian and Carlovingian dynasties, with special reference to the Empire of Charlemagne; the national growth of France through the reign of St. Louis, of Germany to the accession of the Hapsburgs, and of England through the reign of Henry III.; the growth and influence of the Church and its union with the Empire; rise and power of Mohammedanism, and its influence upon Europe; the Feudal system; the conflict between the Papacy and the Empire; the Crusades and their results; the growth of absolute monarchy in France and constitutional monarchy in England.

First semester.

2. **From the Renaissance to the close of the Reformation.**

This course includes a study of the Renaissance in all its phases, in Italy, Germany, England, and France; of the struggle for constitutional liberty; of the decline of the Papacy, and the establishment of centralized monarchies in France, England, and Spain; of the origin, progress, and results of the Reformation.

Second semester.

3. **From the Treaty of Westphalia to the close of the Napoleonic Wars.**

This course treats of the growth of the French monarchy in the seventeenth century; of the system of the balance of power; of the causes, progress, and results of the English Revolution; of the rise of Prussia. It also includes a careful study of French institutions and philosophical writers, preliminary to a detailed study of the French Revolution and its results; of the rise of Napoleon and the Empire; of the European Wars, and the history of party government in England in the eighteenth century.

First semester.

4. **From 1815 to the present time.**

This course gives a general survey of the European history of the nineteenth century, with special attention to that of England, France, Germany, Italy, Russia, and Switzerland. A prominent object is to trace the growth of the national spirit, of constitutional government, and of popular rights.

Second semester.

In all the courses, the means of instruction are recitations, lectures, topical work, special topics, assigned readings, papers, reports, discussions, and examinations.

CONSTITUTIONAL HISTORY AND POLITICAL ECONOMY.

1. English Constitutional History.

A study of the origin, early growth, and later development of the English Constitution. The student is assigned topics which require the study of documents, and of the principal authorities on constitutional history, upon which reports are made to the class.

Two hours, first semester.

2. Civil Government of the United States.

The aim of this course is to give an insight into our political institutions, national, state, and municipal.

The work will be conducted by means of recitations, and reports from assigned readings. Each student will be given an opportunity for a special study of the institutions of her own state.

Two hours, first semester.

3. American Colonial History.

Students expecting to specialize in American History are advised to elect this course in their Sophomore year.

The aim of this course is the study of the origin and early development of American institutions.

The work will be based on the study of original sources, and will be carried on by means of lectures, recitations, and reports upon assigned readings.

Two hours, second semester.

4. Political and Constitutional History of the United States.

Two hours throughout the year.

Open to all students who have had two courses in history.

This course comprises a study of the establishment, development, and operation of the Constitution of the United States. Some time will also be devoted to a study of the origin and influence of political parties.

The work will be in the form of lectures and recitations.

5. Political Institutions.

Open to all students who have had four courses in History.

The purpose of the course is to show how modern political institutions have developed from a few primitive forms.

The work will take the form of lectures and recitations. In addition, each member of the class will be expected to write an essay upon some subject assigned for special study.

Two hours, second semester.

6. Teachers' Course in United States History.

Open only to Seniors who have taken Courses 3 and 4.

Designed for those who expect to teach United States History in the public schools.

The work will consist of reports and discussions upon bibliography, and the methods of presenting the subject to different grades of pupils. Each student is expected to present a paper upon some phase of the subject.

Two hours, second semester.

7. History of Industrial Society in England and the United States.

This course is important as a preparation for the study of the labor and social problems. It is designed, therefore, as introductory to the work in Political Economy, though not required.

The course is designed to show how modern industrial customs and rights came into existence. The work will consist of lectures and recitations from Rogers, Cunningham, Ashley, Wells, and others. Each student is expected to present a paper upon some one of the industries of the United States.

Two hours, second semester.

8. Elements of Political Economy.

This course is designed to give a knowledge of the main principles of economic theory. The work will consist of lectures and recitations from Walker, Mill, Marshall, and other authorities.

Four hours, first semester.

9. Socialism and Communism.

Open only to those who have had Course 8.

This course will present a brief history of the development of the socialistic idea and a discussion of the socialistic movements of to-day.

Lectures and recitations.

Two hours, second semester.

PHILOSOPHY.

1 AND 2.—LOGIC, PSYCHOLOGY, AND ETHICS.

This course comprises: (1) A brief study of the principles of Inductive and Deductive Logic; (2) an elementary study of psychology, including the comparison of significant topics in the most important contemporary systems of psychology; and (3) an outline of systematic ethics with some reference to the great types of modern ethical theory.

Eight hours, first and second semesters. Required of all Juniors.

3.—EXPERIMENTAL PSYCHOLOGY, AND PEDAGOGY.

This course will include (1) four hours a week of laboratory work, with reading and lectures in connection with the experiments; and (2) an

introductory study of the principles of teaching, and the special psychology of childhood.

Second semester. Open to all who have taken the first semester's work in the required course.

4.—THE HISTORY OF PHILOSOPHY IN OUTLINE.

An introductory outline of Greek philosophy is followed by a study of the development of modern philosophy. The work of the course will include constant reference to the standard histories of philosophy, class discussions, and lectures.

First semester. Open to all who have taken Courses 1 and 2.

5.—HISTORY OF PHILOSOPHY; THE STUDY OF SOME SPECIAL PERIOD IN PHILOSOPHY.

The subject of the course may be selected from year to year. Some great philosophical movement, or some single work, such as Kant's Critique of Pure Reason, will be studied in this course.

Second semester. Open to those who have taken Course 4.

Courses 1–5 constitute a major in this department. Those who have elected Course 3 may substitute for Course 5, Course 3 in Zoölogy (the study of Neurology).

HISTORY OF ART.

1. (*a*) Ancient Sculpture and Architecture, Egyptian, Chaldeo-Assyrian, Greek and Roman; with the results of recent archæological research and as interpreting the development of thought and literature.

   (*b*) Christian Art. Early examples, Rome and Ravenna. The Basilica type in architecture. Byzantine School of decoration. Illuminated Manuscripts. The Romanesque and Gothic Cathedrals.

   (*c*) The Renaissance. Architects and Sculptors of Tuscany. Early Florentine Painters. Schools of Florence, Umbria, Padua, and Venice, with special reference to the master works of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto. Early Schools, Flanders and Germany.

2. Art of the Seventeenth and Eighteenth Centuries. Flemish, Dutch, and German Painters. Spanish Art, Velasquez and Murillo, French and English Schools. Review of Modern Art.

Course 2 is open to any who have taken Course 1, or its equivalent. The illustrations of History of Art consists of plans, engravings, Arundel prints, and more than four thousand photographs, selected for the purpose by Miss Randolph,

in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject.

ELOCUTION.

1. Breathing and voice exercises, emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.
4. The Drama.

Two hours, second semester.

BIBLE AND THEISM.

1. Introduction to the Gospels and historical study of the Life of Christ.

   Stevens and Burton's Harmony of the Gospels is used as a basis.

   One hour throughout the year.
2. Old Testament History. Emphasis is placed upon the progress of national life in Israel, and the development of divine revelation.

   One hour throughout the year.
3. (*a*) Apostolic History and Introduction to the Epistles.
   (*b*) The Poetical and Prophetical Books. An outline study of the historical conditions, the literary form and structure, and the development of thought.

   Two hours, second semester.
4. Theism and Evidences of Christianity.

   Two hours, first semester.
5. Study of Job as Literature.

   One hour, first semester.
6. The Teachings of Christ.

   One hour, second semester.

Courses 1, 2, 3, and 4 are required; Courses 5 and 6 are elective.

MUSIC.

This department is under the direction of Prof. Alfred M. Fletcher of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not

otherwise connected with the College, or as an elective study for students pursuing a college course. The method of voice culture is that known as the old Italian or Lamperti method, as taught by William Shakespeare of London. Aside from private lessons, a specialty is made of sight reading and voice training in classes, giving thorough study of major and minor scales, the relation of all intervals, notation signs, and an analysis of rhythm. It aims to prepare students to sing intelligently in quartette or choral work. In the arrangement for the students three hours of practice in music are considered the equivalent of one hour of regular recitation. Applicants for courses of study in this department are requested to prepare for examination in the following works:—

PIANO.—Technical Exercises, by Edwin B. Story; Cramer's Etudes, Book I.; Hasert, Op. 50; The easier Sonatas of Haydn and Mozart; Mendelssohn's Songs without Words.

ORGAN.—Stainer's Organ Manual.

VOICE.—Marchesi's Vocalises; Songs from the best German, English, or American composers.

VIOLIN.—C. N. Allen's Etude-Album.

Students of the College may elect any branch of music study for which they are qualified.

No student is received for a shorter time than the college *year*.

A choral club has weekly rehearsals conducted by the musical director, in which especial attention is given to the study of church music.

Frequent recitals will be given, public concerts, and lectures upon musical subjects, in the course of the year.

Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks:—

Organ, piano, or vocal lessons, ...	$50 00
Violin or Violoncello, ...	50 00
Harmony or theory, in class, ...	15 00
Class lessons for vocal drill in sight reading, . . .	10 00
Use of piano one hour daily, ...	15 00

All music students must study Harmony as far as "Suspension."

Tuition must be paid in advance for the *entire* year.

DRAWING.

Perspective; Cast drawing,—plant forms, heads, parts of the human body; Outdoor sketching; Still life; Modeling in clay; Drawing from the Antique; Drawing from Life—heads, draped model; Original composition.

Lectures on Perspective, Composition, Decoration, Theory of Art, and Current Art topics are given in the course.

The course extends over a period of three years with six hours' work in the studio each week.

PAINTING.

1. **Painting from still life; Outdoor sketching. (*a*) Lectures on Theory and Philosophy of Painting, and History of Greek, Roman, and early Italian Painting; (*b*) Lectures on History of Dutch, German, and English Schools.**

2. **Painting from still life and exercises in Composition; (*a*) Lectures on later Italian Painting, and Flemish and Spanish Schools; (*b*) Lectures on History of French School, and on Painting in America.**

3. **Painting from still life; Outdoor sketching.**

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the College. Her heart and lungs are tested, and information solicited concerning the habits and general health. Careful measurements are taken by the director of the gymnasium that any lack of development may be discovered, and from these data a card of exercise is made for each individual.

The eclectic system employed seeks to secure the harmonious development of all parts of the body. Particular attention is given to correct carriage and easy muscular play.

Attendance at regular work in Gymnastics is required during three half hours a week from all members of the three lower classes unless regularly excused. Elective work is offered to the Senior class.

TEACHERS' COURSE.

Teachers over twenty years of age who have taught at least one year may pursue special courses of study in connection with any of the college classes without entrance examinations. Opportunity is also offered to graduates of other colleges who desire to pursue a special line of advanced study.

They must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Courses have been received, these candidates for *special* work may be accommodated in the buildings as far as possible. If not thus provided for, board may be obtained in private families at about five dollars per week.

PHYSICS.

1. **General Physics.**
Two hours. Lecture course for literary students. First semester.

2. **General Physics.**
Second semester.

3. **Mechanics, Heat, Light.**
Second semester.

4. **Sound, Magnetism, Electricity.**
First semester.

5. **Practical Physics.**

6. **Advanced course in Heat and Light.**

7. **Electrical Measurement.**

All courses except 1 require a knowledge of Trigonometry. Course 3 requires a previous course in elementary Physics. Courses 4 and 6 must be preceded by Course 3; and Course 7, by Course 4. Courses 3–7 may constitute a major.

ASTRONOMY.

1. **Lecture course.**
One hour. Neither Mathematics nor Physics required. First or second semester.

2. **Descriptive Astronomy.**
First semester. Open to Juniors.

This course may be continued through the second semester.

Course 2 is open to those who have taken Trigonometry and required Physics.

3. **History of Astronomy.**
Second semester. Open to Juniors.

4. **Practical Astronomy.**
Two hours for one semester or for the year. Open to those who have had Course 2.

A major in Physics-Astronomy is offered.

Sophomore year, second semester, Physics 4 hours.

Junior year, first semester, Astronomy, four hours.

Junior year, second semester, and all of Senior year, Astronomy and Physics each two hours.

GEOLOGY.

1. (*a*) Lithological Geology. Study of Crystallography and Petrography with microscope and polarizer. Identification and classification of minerals. Well equipped cabinet, rock sections, glass models, etc.

   (*b*) Physiographic and Dynamical Geology. The successive formations are illustrated by maps and charts, especially the geological map of the United States by Dr. C. H. Hitchcock of Dartmouth College ; also by a good collection of lantern slides.

   Second semester.

   Must be preceded by at least one course in Chemistry.

2. Historical Geology. The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks from the Connecticut valley. It is expected that those who take this course will have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

   First semester.

3. Paleontology. This is a continuation of Course 2, embracing further work in the study of fossils and their affinity with living forms.

   Second semester.

4. History of Geology.

   First semester.

5. Further work in Petrology, including the use of the section cutter and lithological microscope.

   Must be preceded by Course 1, and by one semester, at least, in Physics.

   First semester.

6. General Geology. Lectures,—a synoptical course treating of the leading principles of the science, and the more important events of geological history. Intended primarily for those students not intending to specialize in Geology.

   First semester.

   Each course is two hours.

   Courses 1, 2, 3, and 4, or 1, 2, 3, and 5 may form a minor.

   A major will be offered if desired.

MEDIÆVAL AND MODERN HISTORY.

1. The History of Mediæval Europe.

This course begins with the study of the sources of mediæval and modern civilization, (*a*) Rome, (*b*) the Church, (*c*) the Germans—their invasions, settlements, and characteristic traits and customs. Next is traced the growth of the Merovingian and Carlovingian dynasties, with special reference to the Empire of Charlemagne; the national growth of France through the reign of St. Louis, of Germany to the accession of the Hapsburgs, and of England through the reign of Henry III.; the growth and influence of the Church and its union with the Empire; rise and power of Mohammedanism, and its influence upon Europe; the Feudal system; the conflict between the Papacy and the Empire; the Crusades and their results; the growth of absolute monarchy in France and constitutional monarchy in England.

First semester.

2. From the Renaissance to the close of the Reformation.

This course includes a study of the Renaissance in all its phases, in Italy, Germany, England, and France; of the struggle for constitutional liberty; of the decline of the Papacy, and the establishment of centralized monarchies in France, England, and Spain; of the origin, progress, and results of the Reformation.

Second semester.

3. From the Treaty of Westphalia to the close of the Napoleonic Wars.

This course treats of the growth of the French monarchy in the seventeenth century; of the system of the balance of power; of the causes, progress, and results of the English Revolution; of the rise of Prussia. It also includes a careful study of French institutions and philosophical writers, preliminary to a detailed study of the French Revolution and its results; of the rise of Napoleon and the Empire; of the European Wars, and the history of party government in England in the eighteenth century.

First semester.

4. From 1815 to the present time.

This course gives a general survey of the European history of the nineteenth century, with special attention to that of England, France, Germany, Italy, Russia, and Switzerland. A prominent object is to trace the growth of the national spirit, of constitutional government, and of popular rights.

Second semester.

In all the courses, the means of instruction are recitations, lectures, topical work, special topics, assigned readings, papers, reports, discussions, and examinations.

CONSTITUTIONAL HISTORY AND POLITICAL ECONOMY.

1. English Constitutional History.

A study of the origin, early growth, and later development of the English Constitution. The student is assigned topics which require the study of documents, and of the principal authorities on constitutional history, upon which reports are made to the class.

Two hours, first semester.

2. Civil Government of the United States.

The aim of this course is to give an insight into our political institutions, national, state, and municipal.

The work will be conducted by means of recitations, and reports from assigned readings. Each student will be given an opportunity for a special study of the institutions of her own state.

Two hours, first semester.

3. American Colonial History.

Students expecting to specialize in American History are advised to elect this course in their Sophomore year.

The aim of this course is the study of the origin and early development of American institutions.

The work will be based on the study of original sources, and will be carried on by means of lectures, recitations, and reports upon assigned readings.

Two hours, second semester.

4. Political and Constitutional History of the United States.

Two hours throughout the year.

Open to all students who have had two courses in history.

This course comprises a study of the establishment, development, and operation of the Constitution of the United States. Some time will also be devoted to a study of the origin and influence of political parties.

The work will be in the form of lectures and recitations.

5. Political Institutions.

Open to all students who have had four courses in History.

The purpose of the course is to show how modern political institutions have developed from a few primitive forms.

The work will take the form of lectures and recitations. In addition, each member of the class will be expected to write an essay upon some subject assigned for special study.

Two hours, second semester.

6. Teachers' Course in United States History.

Open only to Seniors who have taken Courses 3 and 4.

Designed for those who expect to teach United States History in the public schools.

The work will consist of reports and discussions upon bibliography, and the methods of presenting the subject to different grades of pupils. Each student is expected to present a paper upon some phase of the subject.

Two hours, second semester.

7. History of Industrial Society in England and the United States.

This course is important as a preparation for the study of the labor and social problems. It is designed, therefore, as introductory to the work in Political Economy, though not required.

The course is designed to show how modern industrial customs and rights came into existence. The work will consist of lectures and recitations from Rogers, Cunningham, Ashley, Wells, and others. Each student is expected to present a paper upon some one of the industries of the United States.

Two hours, second semester.

8. Elements of Political Economy.

This course is designed to give a knowledge of the main principles of economic theory. The work will consist of lectures and recitations from Walker, Mill, Marshall, and other authorities.

Four hours, first semester.

9. Socialism and Communism.

Open only to those who have had Course 8.

This course will present a brief history of the development of the socialistic idea and a discussion of the socialistic movements of to-day.

Lectures and recitations.

Two hours, second semester.

PHILOSOPHY.

1 AND 2.—LOGIC, PSYCHOLOGY, AND ETHICS.

This course comprises: (1) A brief study of the principles of Inductive and Deductive Logic; (2) an elementary study of psychology, including the comparison of significant topics in the most important contemporary systems of psychology; and (3) an outline of systematic ethics with some reference to the great types of modern ethical theory.

Eight hours, first and second semesters. Required of all Juniors.

3.—EXPERIMENTAL PSYCHOLOGY, AND PEDAGOGY.

This course will include (1) four hours a week of laboratory work, with reading and lectures in connection with the experiments; and (2) an

introductory study of the principles of teaching, and the special psychology of childhood.

Second semester. Open to all who have taken the first semester's work in the required course.

4.—THE HISTORY OF PHILOSOPHY IN OUTLINE.

An introductory outline of Greek philosophy is followed by a study of the development of modern philosophy. The work of the course will include constant reference to the standard histories of philosophy, class discussions, and lectures.

First semester. Open to all who have taken Courses 1 and 2.

5.—HISTORY OF PHILOSOPHY; THE STUDY OF SOME SPECIAL PERIOD IN PHILOSOPHY.

The subject of the course may be selected from year to year. Some great philosophical movement, or some single work, such as Kant's Critique of Pure Reason, will be studied in this course.

Second semester. Open to those who have taken Course 4.

Courses 1–5 constitute a major in this department. Those who have elected Course 3 may substitute for Course 5, Course 3 in Zoölogy (the study of Neurology).

HISTORY OF ART.

1. (*a*) Ancient Sculpture and Architecture, Egyptian, Chaldeo-Assyrian, Greek and Roman; with the results of recent archæological research and as interpreting the development of thought and literature.

   (*b*) Christian Art. Early examples, Rome and Ravenna. The Basilica type in architecture. Byzantine School of decoration. Illuminated Manuscripts. The Romanesque and Gothic Cathedrals.

   (*c*) The Renaissance. Architects and Sculptors of Tuscany. Early Florentine Painters. Schools of Florence, Umbria, Padua, and Venice, with special reference to the master works of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto. Early Schools, Flanders and Germany.

2. Art of the Seventeenth and Eighteenth Centuries. Flemish, Dutch, and German Painters. Spanish Art, Velasquez and Murillo, French and English Schools. Review of Modern Art.

Course 2 is open to any who have taken Course 1, or its equivalent. The illustrations of History of Art consists of plans, engravings, Arundel prints, and more than four thousand photographs, selected for the purpose by Miss Randolph,

in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject.

ELOCUTION.

1. Breathing and voice exercises, emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.
4. The Drama.

Two hours, second semester.

BIBLE AND THEISM.

1. Introduction to the Gospels and historical study of the Life of Christ.

   Stevens and Burton's Harmony of the Gospels is used as a basis.

   One hour throughout the year.

2. Old Testament History. Emphasis is placed upon the progress of national life in Israel, and the development of divine revelation.

   One hour throughout the year.

3. (*a*) Apostolic History and Introduction to the Epistles.
   (*b*) The Poetical and Prophetical Books. An outline study of the historical conditions, the literary form and structure, and the development of thought.

   Two hours, second semester.

4. Theism and Evidences of Christianity.

   Two hours, first semester.

5. Study of Job as Literature.

   One hour, first semester.

6. The Teachings of Christ.

   One hour, second semester.

Courses 1, 2, 3, and 4 are required; Courses 5 and 6 are elective.

MUSIC.

This department is under the direction of Prof. Alfred M. Fletcher of Northampton, and aims to furnish the best possible facilities for the study of the Piano, Organ, Violin, and Voice, together with Harmony, Theory, History, and Interpretation, either as a special course for students not

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Expenses.—For every student, regular or special, one lesson per week for year of thirty-six weeks:—

Organ, piano, or vocal lessons, ...	$50 00
Violin or Violoncello, ...	50 00
Harmony or theory, in class, ...	15 00
Class lessons for vocal drill in sight reading, . . .	10 00
Use of piano one hour daily, ...	15 00

All music students must study Harmony as far as "Suspension."

Tuition must be paid in advance for the *entire* year.

DRAWING.

Perspective; Cast drawing,—plant forms, heads, parts of the human body; Outdoor sketching; Still life; Modeling in clay; Drawing from the Antique; Drawing from Life—heads, draped model; Original composition.

Lectures on Perspective, Composition, Decoration, Theory of Art, and Current Art topics are given in the course.

The course extends over a period of three years with six hours' work in the studio each week.

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1. Painting from still life; Outdoor sketching. (*a*) Lectures on Theory and Philosophy of Painting, and History of Greek, Roman, and early Italian Painting; (*b*) Lectures on History of Dutch, German, and English Schools.

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PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the College. Her heart and lungs are tested, and information solicited concerning the habits and general health. Careful measurements are taken by the director of the gymnasium that any lack of development may be discovered, and from these data a card of exercise is made for each individual.

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Attendance at regular work in Gymnastics is required during three half hours a week from all members of the three lower classes unless regularly excused. Elective work is offered to the Senior class.

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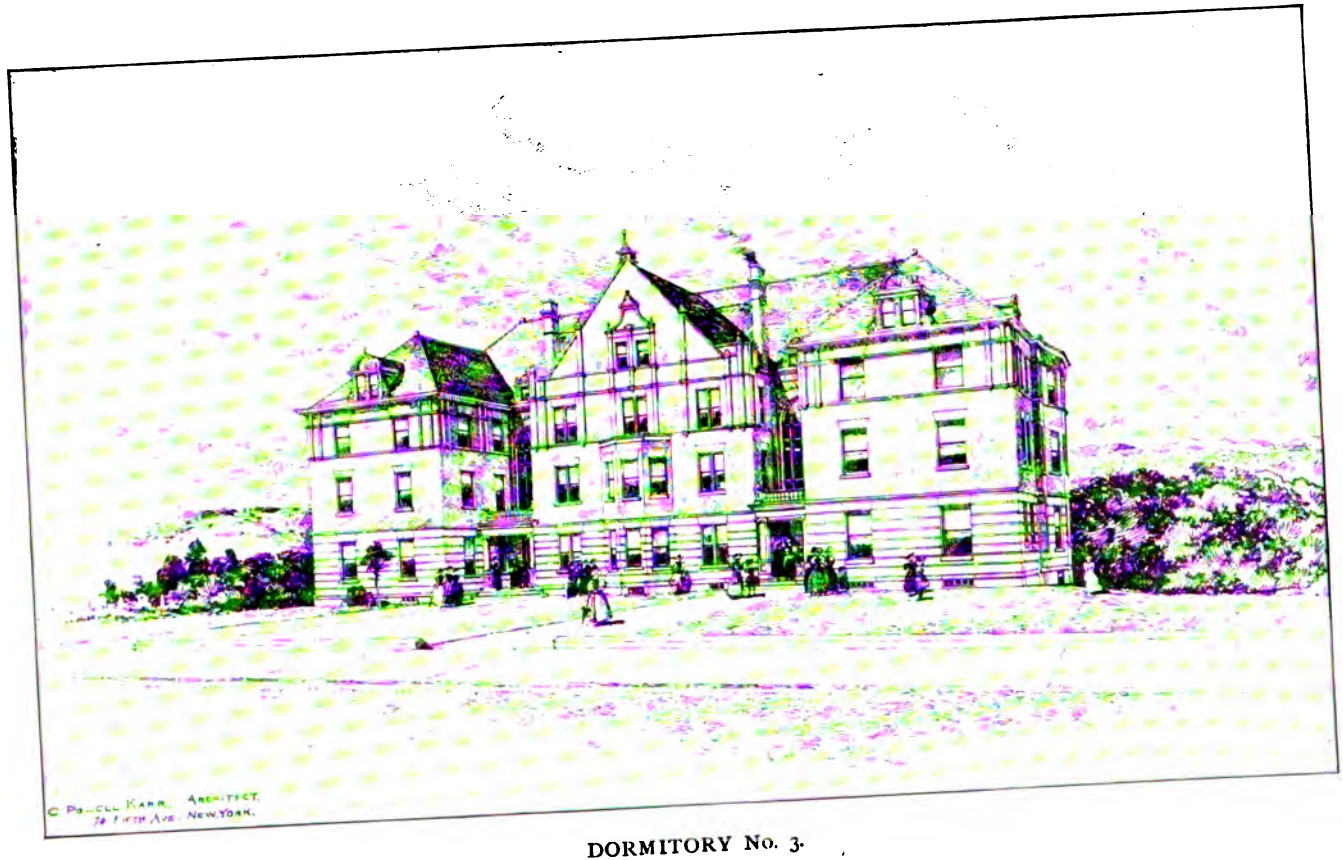
After students in the College Courses have been received, these candidates for *special* work may be accommodated in the buildings as far as possible. If not thus provided for, board may be obtained in private families at about five dollars per week.

MARY BRIGHAM HALL.



DORMITORY No. 3.

DORMITORY No. 2.

MISCELLANEOUS INFORMATION.

The grounds contain about one hundred acres. A broad lawn in front is partly covered by tennis courts. A grove of fine old trees surrounding Miss Lyon's monument, and open fields descending to a brook, are in the rear of the buildings. The brook widens into Lake Nonotuck on the south, after crossing the grounds; boats for rowing are in the boathouse on its bank, and in winter it affords fine opportunity for skating. Bridges cross the stream above the lake for the footpath and the carriage drive on the farther side, which wind to the top of Prospect Hill, now called Goodnow Park in honor of the donor, Hon. E. A. Goodnow, of Worcester. The prospect from the Pavilion on the summit is a wide one, bounded on the north and west by the Holyoke mountain range, while on the east and south the view is unobstructed to the far blue hills in the horizon.

The main college hall, the home of faculty and students, containing also chapel, reading-room, and gymnasium, was totally destroyed by fire, September 27, 1896. As the library, recitation halls, and laboratories were all preserved the college work suffered no interruption, while the homes of the village were temporarily thrown open to the large household.

Mary Brigham Hall, erected and furnished by the alumnæ of New York and Brooklyn, accommodating from forty to fifty students, is to be occupied in April, 1897.

To meet the further immediate need of the College, the trustees have now in process of erection three other dormitory halls to be ready at the opening of the academic year in September, the largest one being the gift of Dr. D. K. Pearsons. Each hall contains dining room and parlors as well as rooms for students and members of the faculty.

A fifth dormitory, provided for by the generosity of Mr. John D. Rockefeller, is promised for October, when the Mary Lyon Memorial Hall will also be ready for use.

The latter is of brown stone, the northern half being devoted to a chapel, while the administrative offices, including trustees' room, post office, rooms for treasurer, registrar, and steward, occupy the first story of the other division.

The second floor of the southern half constitutes the social home of the College, by its adjustable partitions forming one large assembly hall when desired.

in Cairo, Athens, and the East, and in the various art centers of Europe. The valuable works of the Art Library are made available to the student, through topical references. An annually increasing series of slides, used with the oxy-hydrogen lantern, afford further illustration of the subject.

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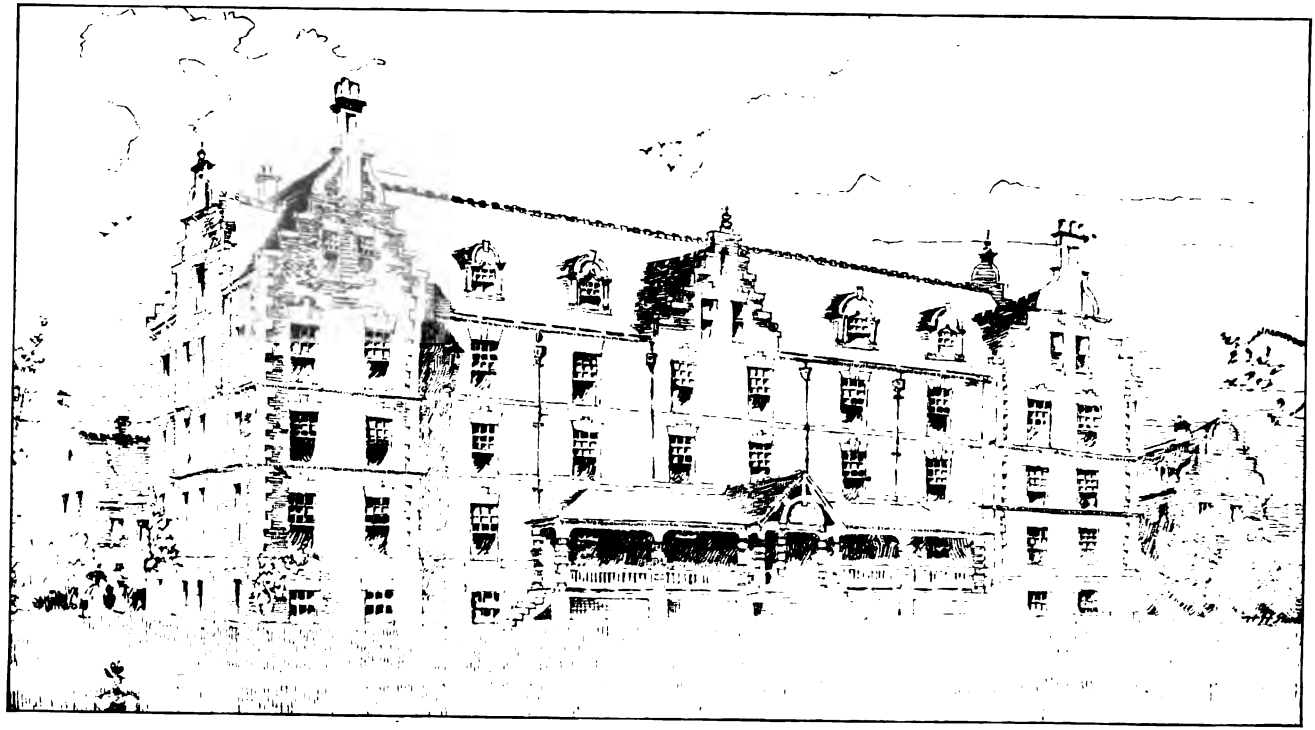
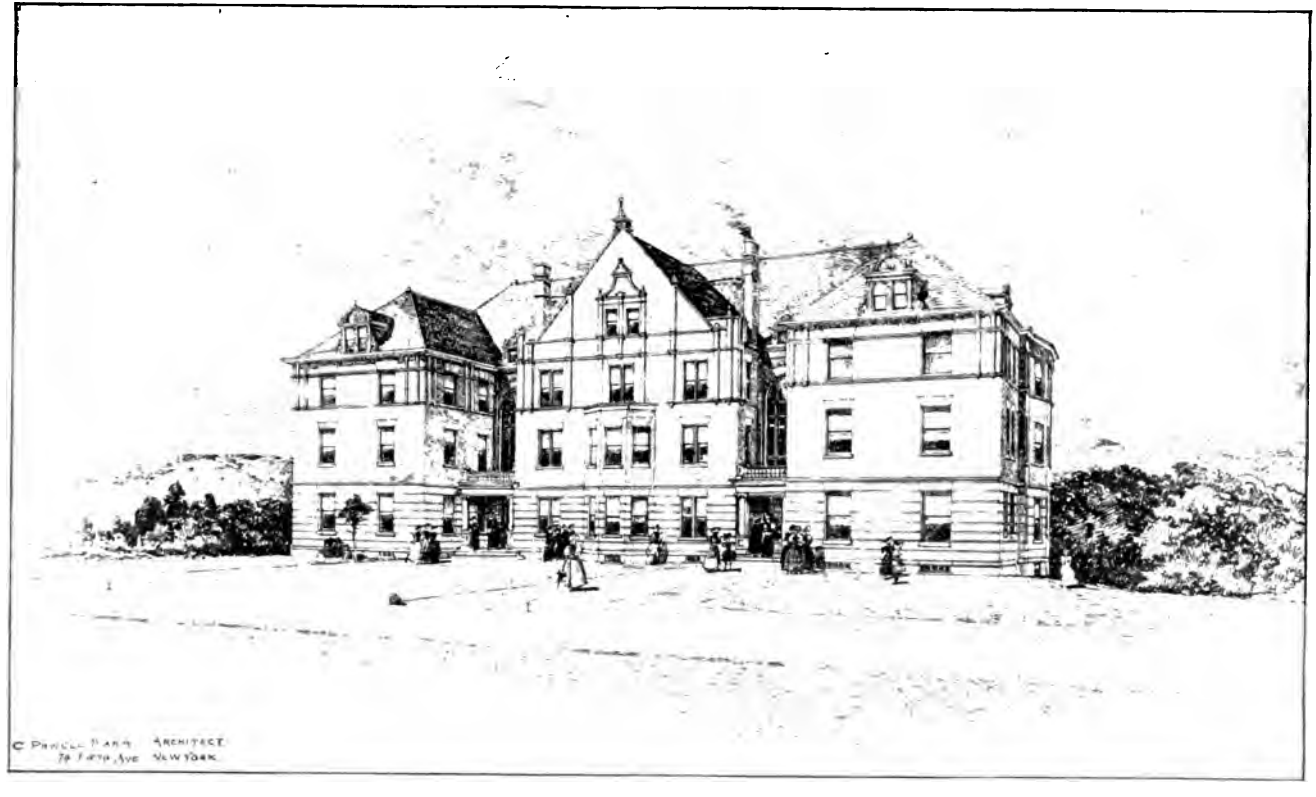
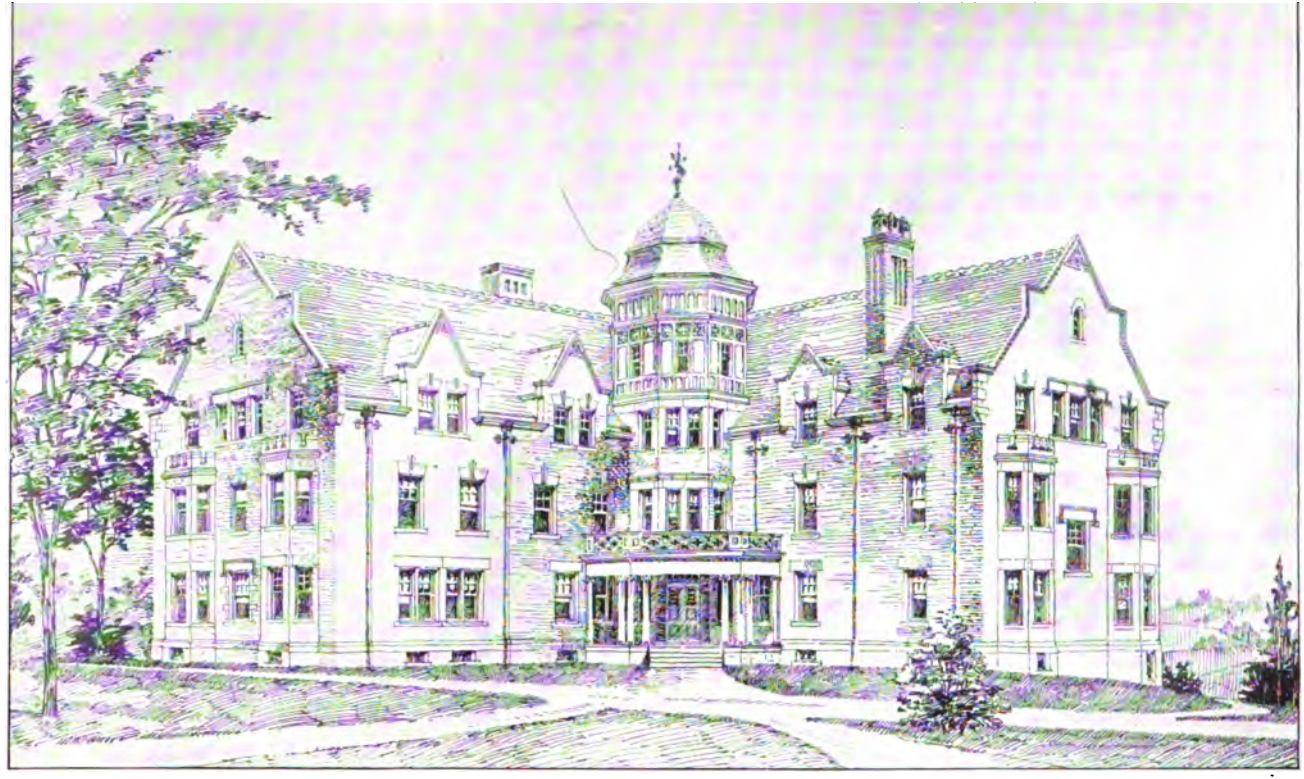


MARY BRIGHAM HALL.



DORMITORY No. 3.



DORMITORY No. 2.

FAMILY ARRANGEMENTS.

Recreation time extends from Tuesday evening to six o'clock on Wednesday evening.

Calls are not received on the Sabbath.

Attendance at the Sabbath morning service and at the daily chapel service is required.

Every student is expected to share in the care of the household. The time necessary for this service does not exceed fifty minutes daily.

Each student furnishes her own towels, napkins, and napkin ring, two pairs of sheets for single bed, pillow-cases, and one pair of blankets; also two teaspoons and a dessert spoon. Each of these, and all articles of clothing, should be distinctly marked with the owner's full name.

Books and stationery can be purchased at the Institution on reasonable terms.

RAILWAY, TELEGRAPHIC, AND TELEPHONIC CONNECTIONS.

Mount Holyoke College is located at South Hadley, Mass., four miles from Holyoke. Electric cars leave Holyoke for the College every hour before noon, and every half hour during the afternoon and evening.

The Post Office and Express address of the College is South Hadley, Mass. Express can be prepaid to Holyoke, but there is additional charge between Holyoke and South Hadley.

The Institution is connected with long distance telephone.

Western Union telegrams should be addressed South Hadley, Mass.; for the Telegraph Company have an arrangement whereby telegrams are telephoned to the College from Holyoke free of expense.

STUDENTS.

SENIOR CLASS.

BATES, EMELINE CLARK, C.*	Windham, Conn.
BEAMAN, HARRIET ELIZABETH, L.	Princeton.
BENNER, CAROLYN FRANCES, L.	Wellesley.
BIDWELL, BERTHA CANDACE, L.	Freeport, Ill.
CAMPBELL, MARY FRANCES, C.	West Suffield, Conn.
CARPENTER, JANE BRODIE, L.	Andover.
CHATTERTON, MINNIE ESTELLE, S.	Acworth, N. H.
CHENEY, ALICE MARIA, L.	Beloit, Wis.
CLARK, ELISABETH, S.	East Peacham, Vt.
CLARK, FLORENCE REBECCA, C.	West Brattleboro, Vt.
CLARY, LUSANNA MARIA, L.	Hallowell, Me.
COOLIDGE, NETTIE EVELINE, C.	Framingham.
COPELAND, SARA FOSTER, C.	Columbus, O.
COULTER, BERTHA, S.	Danville, Penn.
DAVIDSON, EVA FRANCES, S.	Beaver, Penn.
DEYO, ELLA MARINDA, C.	Honeoye, N. Y.
ESTABROOK, LULA BELLE, L.	Saratoga Springs, N. Y.
GAY, MAUD CULBERTSON, S.	Terryville, Conn.
GLEASON, MARGARET ANNE, L.	Hannibal, Mo.
GRANT, ANNIE ETHELWYN, C.	Northfield, Conn.
HALL, MARGARET ROBINSON, L.	Catskill, N. Y.
HAMILTON, CHRISTINE HAPGOOD, L.	Kenwood, N. Y.
HAY, FANNY ANN, S.	New Brighton, Penn.
HAYNES, HARRIET TENNEY, L.	Fitchburg.
HILL, MYRA ASENATH, C.	Williamsburg.
HOYT, OLIVE SAWYER, S.	Augusta, Me.
KAJIRO, YOSHI, S.	Osaka, Japan.
KOEHLER, MARGARET BRIGGS, L.	Penn Yan, N. Y.
LAMB, MARGUERITE MARY, S.	Colorado Springs, Col.
LEAVITT, EDITH WILSON, C.	Melrose.
LOVELAND, MARY HOYT, L.	Newark Valley, N. Y.
MERRIAM, GRACE LEWIS, C.	Mount Vernon, N. Y.
MERRIAM, HELEN SUMNER, C.	Mount Vernon, N. Y.
MILDRUM, CLARA ELIZABETH, L.	East Berlin, Conn.

* C., Classical Course; L., Literary Course; S., Scientific Course.

PIERCE, MARION, C.	Gardiner, Me.
PLUMB, MARY LUCINA, S.	Westminster West, Vt.
RICHARDSON, ANNIE LUCY, L.	South Hadley.
SHELDON, LENA, S.	New Britain, Conn.
SHERMAN, ANNA PRESCOTT, S.	Jamaica Plain.
STICKNEY, JULIA HALL, C.	Washington, D. C.
STODDER, ELIZABETH THOMAS, C.	Hingham.
STONE, HENRIETTA CAROLINE, C.	Kittanning, Penn.
TAYLOR, MARTHA JANE, L.	Westford.
TIFFANY, JESSIE WETMORE, C.	South Hadley.
VAN NOSTRAND, HARRIET LOUISA, C.	Little Neck, N. Y.
VOORHEES, GRACE MAY, L.	Woodbridge, N. J.
WALKER, ALICE JENNIE, C.	Stafford Springs, Conn.
WARD, MARY ISABELLA, C.	Amherst.
WHELDON, ELIZABETH KELLOGG, L.	Williamstown.
WIGGIN, MARY PACKARD, L.	Auburn, Me.
WILLIAMS, FREDA JEANNETTE, L.	New Richmond, Wis.
WILSON, MARY FARLEY, C.	Hollis, N. H.
WOODBRIDGE, LYDIA DUDLEY, L.	Duluth, Minn.
WOODBURY, MARY HALE, S.	Salem.
WYCKOFF, HARRIET JANE, C.	New Brunswick, N. J.

JUNIOR CLASS.

ADAMS, KATE ELLIS, L.	Wethersfield, Conn.
AGARD, KATHERINE MARIA, C.	Tolland, Conn.
ALDRICH, LENA MAY, C.	East Douglas.
ALLEN, MARY WILLIAMS, L.	Hartford, Conn.
ANDREA, ELIZABETH RHENA, C.	New Haven, Conn.
BABB, EMILY AUGUSTA, C.	Holden.
BALDWIN, JESSIE MAY, C.	Willimantic, Conn.
BARBER, HARRIET SOPHIA, C.	Warsaw, N. Y.
BISSELL, ALMA WARD, C.	Brimfield.
BLACKSTOCK, MARY IRENE, C.	Auburn, N. Y.
BURLEIGH, NETTIE CAROLINE, L.	Vassalboro, Me.
CALDER, HELEN BARNETSON, S.	Hartford, Conn.
CAMPBELL, HARRIET, C.	Auburn, N. Y.
CARTER, EMMA DOWNS, L.	Huntington, N. Y.
CONGDON, HARRIET RICE, C.	Wyoming, N. Y.
DICKINSON, ELLA SILL, C.	Rockville, Conn.
EATON, MABEL LETA, C.	Collinsville, Conn.
EMERY, MARY LOUISE, C.	Warsaw, N. Y.
GEDDES, MARGARET SPROUL, L.	Williamsport, Penn.
GRADY, FLORENCE JOSEPHINE, C.	Trenton, N. J.

HALL, MARY ELIZABETH, S.	Salt Lake City, Utah.
HAPGOOD, DELLA EDITH, C.	Peru, Vt.
HATHAWAY, BERTHA FLORENCE, C.	Stoughton.
HAYDEN, CELIA MAIN, L.	Columbus, O.
HIRST, SARA JEANETTE, S.	Paola, Kan.
HOLTON, GRACE BURNETTE, L.	South Framingham.
HYDE, BERTHA CHILD, S.	Rockville, Conn.
JOHNSON, EDINA MAY, S.	Winsted, Conn.
LASELL, GAIL, C.	New York City.
LATIMER, ANNA CORNELIA, L.	New Britain, Conn.
LAWSON, SUSIE MINERVA, S.	Union, Conn.
LOVEJOY, SARA CUTTS, L.	Haverhill.
MCLAREN, GRISELL MCFARLANE, L.	Cleveland, O.
MITCHELL, BESSIE ARABELLE, C.	Acworth, N. H.
MIX, GERTRUDE DEMEREST, S.	Plainville, Conn.
MORSE, KATE NILES, C.	Haverhill.
NELL, CORA, C.	Rochester, N. Y.
PECK, MARGARET FRANCES, C.	Madison, N. J.
PERCIVAL, MARY, L.	Auburn, Me.
PETTENGILL, LILLIAN, L.	Haverhill.
POST, ESTELLE LOUISE. L.	New York City.
PURINGTON, EMILY, C.	South Hadley.
RICHARDS, MAE LUCY, C.	Unionville, Conn.
ROBINSON, MABEL STUART, C.	North Andover.
ROETH, NATALIE SOPHIE, S.	Meriden, Conn.
ROGERS, EMMA GERTRUDE, L.	New Britain, Conn.
ROLSTON, MARTHA BROWN, L.	Worcester.
SEYMOUR, MARY FRANCES, C.	West Winsted, Conn.
SMITH, EMILY LUCY, L.	Worcester.
SMITH, LAURA ELIZABETH, L.	Montpelier, Vt.
SMITH, MARGARET HELENA, L.	East Orange, N. J.
STEBBINS, JESSIE WALDO, L.	Fishkill-on-Hudson, N. Y.
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is furnished with appliances for running water after Göttingen laboratory models. In the basement are preparation rooms and the aquarium for the observation of living animals and study of aquatic plants.

BOTANICAL GARDEN.—The botanical garden, covering about one acre, occupies the slope toward the lake, east of Williston Hall, and is easily accessible to the laboratories; it adds materially to the facilities for botanical work, especially in cultivated aquatic plants in the series of artificial ponds lately added. It is expected that funds will be at hand in the immediate future to replace the lost plant house, so necessary to the maintenance of the botanical garden, and the work of the department.

HALL FOR CHEMISTRY AND PHYSICS.—A fine building for Chemistry and Physics has recently been erected north of Williston Hall. The physical laboratory on the ground floor has a spacious lecture room, laboratories fitted with ample wall tables supported by brackets, a constant temperature room, dark rooms, apparatus room, library, and study. An experiment room for independent work of students is also provided. The second and third stories are devoted to Chemistry. Besides lecture and preparation rooms, and a laboratory for advanced work, there are three large laboratories which, with their equipment, afford ample opportunities for work in General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry.

THE OBSERVATORY.—The John Payson Williston Observatory contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

EXPENSES.

The price of tuition for all students, regular and special, is $75 for the year, and board $175. This includes tuition in all branches except music. One half the sum, $125, is to be paid the first Monday of the fall term, Sept. 20, 1897, and $125 the first Monday of the second term, Jan. 10, 1898. Five per cent. will be added to all bills which are not paid within thirty days from the dates specified.

For instruction in music, see page 30. An extra charge is made for laboratory fees, washing, and meals sent to rooms.

The college buildings will be closed during the vacations.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than eight dollars per week for the time spent at the Institution. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, enclosed to the President.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed :—

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Knowles Scholarship, established in 1887, by Mrs. C. H. Knowles of Westfield, Mass.

The Mary M. Stevens Scholarship of $5,000, established in 1889, by Mary M. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

The Cecilia L. Williston Scholarship of $5,000, established in 1892, by Mrs. Cecilia L. Williston of Northampton, Mass.

The Taylor Scholarship of $1,000, established in 1893, by Mrs. Horace Fairbanks of Saint Johnsbury, Vermont.

The Harriet N. Wilcox Scholarship of $1,000, established in 1894, by bequest of Miss Harriet N. Wilcox of Berlin, Conn.

The William W. Bradstreet Education Fund of $2,000, established in 1894; the income for the use of students from Gardiner, Maine, under certain restrictions.

The Elizabeth Temple Webb Scholarship of $5,000, established in 1894, by Rev. E. B. Webb, D.D., of Wellesley, Mass.

The Elizabeth A. Westcott Scholarship of $1,000, established in 1895, by Mrs. Elizabeth Aldrich Westcott of Hopedale, Mass., in memory of two little granddaughters.

The C. T. Mills Scholarship of $1,000, established by Rev. Cyrus T. Mills of Mills College, California.

The Fidelia Field Scholarship of $5,000, established in 1896, by Mr. J. N. Field of Manchester, England.

The Gallup Scholarship of $6,000, established in 1896, by bequest of Mrs. Marilla Houghton Gallup of Clinton, N. Y.

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SMITH, TIRZAH SNELL	Jaffna, Ceylon.
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STRONG, CAROLYN AMELIA	East Orange, N. J.
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VOORHEES, GRACE MAY	Woodbridge, N. J.
WILLIAMS, ETHEL	Milford.

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The Trustees and Faculty of

Mount Holyoke College

invite you to be present at the

Commencement Exercises

to be held in Mary Lyon Hall,

Tuesday, June twentieth,

eighteen hundred and ninety-nine,

at ten o'clock.

Diplomas will be presented by

President William McKinley.

Addresses by

Rev. Judson Smith, D.D.

Governor Roger Wolcott.

Please reply to Mrs. E. S. Mead, Prest.

SUMMARY OF STUDENTS.

COURSES.

CLASSICAL,	123
SCIENTIFIC,	34
LITERARY,	144
TEACHERS',	28
MUSIC,	45
	374
Less music students, counted twice,	35
Total,	339

RESIDENCE.

The United States:		Nebraska,	1
Alabama,	1	New Hampshire,	14
Colorado,	2	New Jersey,	15
Connecticut,	61	New York,	46
District of Columbia,	1	Ohio,	11
Illinois,	5	Pennsylvania,	8
Indiana,	1	Rhode Island,	1
Iowa,	3	Utah,	1
Kansas,	1	Vermont,	12
Maine,	18	Wisconsin,	4
Massachusetts,	119	*Other Countries:*	
Michigan,	1	Canada,	1
Minnesota,	2	Ceylon,	1
Missouri,	6	Japan,	3
			339

DEGREES CONFERRED IN 1896.

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GIBBONS, VERNETTE LOIS	Franklin, N. Y.

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FORM OF A BEQUEST.

I give, devise, and bequeath to Mount Holyoke College, in South Hadley, Mass., the sum of dollars to be applied to the uses and purposes of the said Institution, and under the direction of its Trustees.

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OF

MOUNT HOLYOKE COLLEGE

IN

SOUTH HADLEY, MASS.

1897-1898.

PUBLISHED BY

THE COLLEGE.

MOUNT HOLYOKE SEMINARY

FOUNDED BY

MARY LYON.

CHARTER GRANTED

FEBRUARY 11, 1836.

SEMINARY OPENED

NOVEMBER 8, 1837.

CHARTER GRANTED

MOUNT HOLYOKE SEMINARY AND COLLEGE

MARCH 8, 1888.

CHARTER GRANTED

MOUNT HOLYOKE COLLEGE

JANUARY 31, 1893.

COLLEGE CALENDAR.

1898.

College Exercises begin at 8.30 a.m.,	Thursday, January 6
Day of Prayer for Colleges,	Thursday, January 27
Second Semester begins,	Thursday, February 3
Holiday, Washington's Birthday,	Tuesday, February 22
Spring Recess begins at 4.30 p.m.,	Tuesday, March 29
College Exercises begin at 8.30 a.m.,	Thursday, April 14
Holiday, Memorial Day,	Monday, May 30
Baccalaureate Sermon,	Sunday, June 19
Meeting of Alumnæ Association, 10 a.m.,	Tuesday, June 21
Sixty-first Annual Commencement, Exercises at 11 a.m.,	Wednesday, June 22
Entrance Examinations,	June 7–9 September 13–15
Academic Year begins 8.30 a.m.,	Thursday, September 15
Holiday, Mountain Day,	——, October —
Founder's Day,	Tuesday, November 8
Thanksgiving Recess begins at 4.30 p.m.,	Tuesday, November 22
College Exercises begin at 2 p.m.,	Friday, November 25
Winter Recess begins at 4.30 p.m.,	Tuesday, December 20

ADMISSION OF STUDENTS.

Candidates for admission to the College in 1898 and 1899 are advised to prepare according to the requirements given on pages 7–11.

ENTRANCE REQUIREMENTS FOR 1898 AND 1899.

CLASSICAL COURSE.

Mathematics.— College Algebra, through Quadratics, Proportion, and Progressions; Plane Geometry, as found in Chauvenet, or its equivalent, including *original work;* a certificate must be presented showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

Latin.— Latin Grammar, including Prosody; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent; Cæsar, Gallic War, four books; Cicero, Seven Orations, or six if the Manilian Law is taken; Vergil's Æneid, six books; Sight translation. Latin verse will not be accepted in place of prose.

Greek.— Greek Grammar; Jones's Exercises in Greek Prose Composition *entire*, or an equivalent; Xenophon, Anabasis, four books; Homer, Iliad, three books; the translation at sight of average passages of Attic and Homeric Greek; the translation into Greek of a connected passage based upon Xenophon.

History of the United States.

Ancient History.— Myer's History of the Eastern Nations and Greece to the death of Alexander, and Allen's History of the Roman People to the death of Marcus Aurelius, or equivalents.

English.— General questions are given on books marked (1). Several short essays are required on subjects taken from books marked (2).

1898: (1) Milton, Paradise Lost, Books I. and II.; Pope, Iliad, Books I. and XXII.; The Sir Roger de Coverly Papers; Goldsmith

The Vicar of Wakefield; Coleridge, The Ancient Mariner; Southey, Life of Nelson; Carlyle, Essay on Burns; Lowell, Vision of Sir Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Burke, Conciliation with America; De Quincey, The Flight of a Tartar Tribe; Tennyson, The Princess.

1899: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Coleridge, The Ancient Mariner; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Lowell, The Vision of Sir Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Carlyle, Essay on Burns.

1900: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Scott, Ivanhoe; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Tennyson, The Princess; Lowell, The Vision of Sir Launfal. (2) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Macaulay, Essays on Milton and on Addison.

All writing must give evidence of thorough study of diction, sentences, and paragraphs. Text-books recommended: A. S. Hill's Foundations of Rhetoric; Genung's Outlines of Rhetoric; Strang's Exercises in English Composition.

There should be four years of preparatory work in English with weekly exercises in composition.

SCIENTIFIC COURSE.

Requirements for entrance are the same as for the Classical Course except in the following subjects: —

Botany.— At least one hundred hours' work required. Laboratory drawings and notes must be presented. It is recommended that forms not demanding the use of the compound microscope be studied, using such text-books as Bergen's Botany or Spalding's Introduction to Botany and Gray's Manual for Plant Determination.

Physics.— Carhart and Chute's Physics, or an equivalent. Laboratory note-books should be presented.

French or German.

French.— Méthode Berlitz, Ier Livre ; Grammar ; Twelve fables of La Fontaine ; Twelve poems ; Three of Bôcher's College plays ; Three books of Modern Prose writers— Esther, Racine ; Le Cid, Corneille ; Le Misanthrope, Molière. These are to be studied historically, or with reference to their place in the history of French literature.

German.— Elementary Grammar, Otto, entire ; Das Deutsche Buch, Van Dael ; Lyric Poems and Ballads memorized ; Brandt's German Reader, entire ; Jagemann's Prose Composition, fifty pages ; Die Vierzehn Nothelfer, Riehl ; Trost um Trost, Riehl ; Ein Kleeblatt, M. Lenk ; Aus dem Leben eines Taugenichts, Eichendorf ; Immensee, Storm ; Aus dem Tagebuch eines armen Fräuleins, M. Nathusius ; L'Arrabiata, Heyse.

Equivalents will be accepted, but reading of Goethe's, Schiller's, or Lessing's dramas should not be substituted for the above mentioned simple prose.

The examination will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

Greek is not required but may be offered in place of one of the modern languages.

LITERARY COURSE.

Subjects for examination are the same, excepting Greek, as for entrance to the Classical Course, with the following additions :—

English History.— Montgomery's Leading Facts in English History, or an equivalent.

French or German as required for Scientific Course.

Greek is not required but may be offered in place of one of the modern languages.

ENTRANCE REQUIREMENTS AFTER 1899.

Mathematics.—*Arithmetic.*—A certificate must be presented, showing that the student has passed a creditable examination in Arithmetic, including the metric system of weights and measures.

Algebra. — Elementary Operations, Simple Equations, Involution and Evolution, Calculus of Radicals, Quadratic Equations,

Ratio and Proportion, Progressions, as given in C. Smith's Algebra (American Edition) or the larger treatises of Wentworth and Wells.

Geometry.— Plane Geometry as presented by Wells, Wentworth, or Beman and Smith.

In order that students may pursue successfully the work of the Freshman year, it is strongly recommended that their preparation include frequent supplementary exercises in Algebra taken from various text-books, in Geometry constant practice with original demonstrations, and, during the year before entrance to college, a review of both subjects.

Latin.— Latin Grammar, including Prosody ; Jones's Exercises in Latin Prose Composition *entire*, or an equivalent ; Cæsar, Gallic War, four books ; Cicero, Seven Orations, or six if the Manilian Law is taken ; Vergil's Æneid, six books ; Sight translation. Latin verse will not be accepted in place of prose.

In addition to the Latin two other languages are required. The second language may be Greek or French or German ; the third language may be French or German.

In place of the third language (elementary French or German), the candidate may offer a year's work in Physics or Chemistry.

Physics.— Carhart and Chute's Physics or an equivalent. A year of work, not less than four periods a week, two of which shall be given to laboratory work. Laboratory note-books should be presented.

Chemistry.— Remsen's Introduction to the Study of Chemistry, or Frier's Elementary Chemistry, or an equivalent. One year's work, five periods a week, two at least of which should be given to laboratory work. A laboratory note-book must be presented.

Greek.— Greek Grammar ; Jones's Exercises in Greek Prose Composition *entire*, or an equivalent ; Xenophon, Anabasis, four books ; Homer, Iliad, three books ; the translation at sight of average passages of Attic and Homeric Greek ; the translation into Greek of a connected passage based upon Xenophon.

* **French.**— *Elementary Requirements.*— Knowledge of French grammar, the regular and the common irregular verbs, ability to trans-

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* For those who present French as the third language.

late easy English into French, and to read simple French at sight. Two modern prose works and two modern plays. Careful attention should be paid to pronunciation.

This requirement represents one year's study, five periods a week.

* *Advanced Requirements.*— A thorough knowledge of French grammar, syntax, and ability to translate easy English into French; to read at sight any ordinary French prose and verse.

Five modern prose works as: La belle Nivernaise, Contes Choisis, by A. Daudet; La Perle Noire, by V. Sardou; L' Abbé Constantin, by Halévy; Perdue, by H. Gérville, or equivalents. Four modern plays, as: Le voyage de M. Perrichon, by Labiche et Martin; La Fée, by O. Feuillet; Le Gendre de M. Poirier, by E. Augier et J. Sandeau; Le Maître de Forges, by G. Ohnet, or equivalents. Three classical plays: Athalie, by Racine; Le Cid, by Corneille; Le Misanthrope, by Molière. As French is the language of the class room it is important that candidates for admission should be able to converse in French, and be able to understand not only the grammatical but also the idiomatic construction of the language.

Candidates who have done more than the amount of work specified above may take examinations for advanced standing at the beginning of the year.

Oral examinations will be conducted in the language offered, and students must be prepared to give a clear account of what they have read.

† German.— *Elementary Requirements.*— (1) Thorough knowledge of the rudiments of grammar, and especially these topics: accidence; the common prepositions; the simpler uses of the modal auxiliaries; the elementary rules of syntax and word order. (2) Ability to translate at sight simple German prose. (3) Ability to translate into German simple English sentences.

It is believed that these results may be obtained by the study of any good German grammar, Jagemann's or Harris' Prose Composition (pp. 1-25) and the reading of not less than two hundred duodecimo pages of simple German. It is recommended that one year of five periods per week be given to the Elementary Requirement.

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* For those who present French as the second language.

† For those who present German as the third language.

* *Advanced Requirements.*— (1) More advanced grammar. In addition to a thorough knowledge of accidence, the candidate must be familiar with the elements of word formation, the principal uses of prepositions and conjunctions, the essentials of German syntax, the uses of modal auxiliaries, and the subjunctive and infinitive moods. (2) Ability to translate at sight ordinary German. (3) Ability to translate into German easy English prose. (4) Ability to follow a recitation conducted in German and to answer in that language questions asked by the instructor.

The advanced requirement can be met by the completion of any good grammar, Jagemann's or Harris' Prose Composition, and by reading in addition to the amount mentioned under the Elementary Requirement, at least five hundred pages of classical and contemporary prose and poetry. Careful attention should be paid to pronunciation and the use of spoken German. It is recommended that three years of five periods per week be given to the Advanced Requirement.

History.—

1. Greek and Roman History.
   (*a*) Greek History to the death of Alexander.
   (*b*) Roman History to the death of Marcus Aurelius.
2. English or American History.

Time for each at least one hundred hours.

English.— The books marked (1) are those prescribed for reading, the candidate being required to present evidence of a general knowledge of the subject matter, and to answer questions on the lives of the authors. The form of the examination will be the writing of two or three paragraphs on each of several topics. The books marked (2) are prescribed for study and practice. The examination will be on subject matter, form, and structure.

1898 : (1) Milton, Paradise Lost, Books I. and II. ; Pope, Iliad, Books I. and XXII. ; The Sir Roger de Coverly Papers ; Goldsmith, The Vicar of Wakefield ; Coleridge, The Ancient Mariner ; Southey, Life of Nelson ; Carlyle, Essay on Burns ; Lowell, Vision of Sir

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* For those who present German as the second language.

The requirements in German are substantially those advised by the German Conference held at Columbia University, February 1st, 1896.

Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Burke, Conciliation with America; De Quincey, The Flight of a Tartar Tribe: Tennyson, The Princess.

1899: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Coleridge, The Ancient Mariner; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Lowell, The Vision of Sir Launfal; Hawthorne, The House of the Seven Gables. (2) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Carlyle, Essay on Burns.

1900: (1) Dryden, Palamon and Arcite; Pope, Iliad, Books I., VI., XXII., XXIV.; The Sir Roger de Coverly Papers; Goldsmith, The Vicar of Wakefield; Scott, Ivanhoe; De Quincey, The Flight of a Tartar Tribe; Cooper, The Last of the Mohicans; Tennyson, The Princess; Lowell, The Vision of Sir Launfal. (3) Shakespeare, Macbeth; Milton, Paradise Lost, Books I. and II.; Burke, Conciliation with America; Macaulay, Essays on Milton and on Addison.

All writing must give evidence of thorough study of diction, sentences, and paragraphs. Text-books recommended: A. S. Hill's Foundations of Rhetoric; Genung's Outlines of Rhetoric; Strang's Exercises in English Composition.

There should be four years of preparatory work in English with weekly exercises in composition.

ENTRANCE EXAMINATIONS.

Examinations take place at the College in Lydia Shattuck Hall, June 7–9 and September 13–15, 1898.

The June examinations may be taken in Chicago, St. Paul, St. Louis, Washington, Philadelphia, New York city, Bangor, Me., and Boston. Any candidate desiring to take examinations in these places or elsewhere, in June, should communicate with the Registrar before May, 1898. A fee will be charged for examinations given outside the College.

Examinations in preliminary subjects, Ancient and English History, History of the United States, Latin Grammar, Cæsar, Greek Grammar and Anabasis, may be taken at the specified dates of any

year before entering College. Examinations in all other subjects must be taken within fifteen months of entrance.

SCHEDULE OF EXAMINATIONS JUNE AND SEPTEMBER, 1898.

Tuesday, 1.30 P. M., History of United States.
" 2.45 P. M., English.
" 7 P. M., Ancient History.
Wednesday, 8.30 A. M., Algebra.
" 1.30 P. M., Latin { Cæsar, Cicero, Composition.
" 4 P. M., Botany.
" 7 P. M., Physics.
" 7 P. M., Chemistry.
" 7 P. M., English History.
Thursday, 8.30 A. M., Geometry.
" 10.45 A. M., Vergil.
" 1.30 P. M., French.
" 1.30 P. M., German.
" 1.30 P. M., Greek.

Examination in Music on Wednesday and Thursday.

All students should register in the office of the Registrar immediately on arrival.

ENTRANCE CERTIFICATES.

The Principal of a preparatory school from which a student wishes to enter on certificate in September may apply for a place on our list of accredited schools, not later than May 1. In response to such application, a blank form will be sent, which is to be filled out by the Principal and returned with a prospectus of the school.

A place on the accredited list of schools is given for the first year on trial. At any time when the students prove unsatisfactory the right may be withdrawn.

The Principal of the preparatory school must present a certificate of scholarship for each applicant. Blank forms will, on application, be sent to the Principal.

Examinations in preliminary subjects, *i. e.*, Arithmetic (including

the metric system), History (Greek, Roman, English, United States), Latin Grammar, Cæsar (4 books), Greek Grammar and Anabasis (4 books), may be taken at the specified dates of any year before entering College. Examinations on all other subjects must be taken within fifteen months of entrance. The preparation must cover in full the requirements stated in our College Catalogue.

All certificates of scholarship must be received at the College not later than July 1, unless special arrangements have been made with the Board of Examiners.

Supplementary certificates will not be accepted. The student must be prepared for examination in all subjects not covered by the certificate received in July. In all doubtful cases the teacher is requested to throw the responsibility of the examination upon the College.

Applicants will not be admitted if conditioned in more than two subjects or heavily conditioned in *one* of the following: Mathematics, Latin, Greek, French, German.

Communications relating to certificates may be addressed to the Board of Examiners.

No students are admitted under sixteen years of age.

EXAMINATIONS IN STUDIES OF THE COURSE.

Examination for advanced standing or in conditioned subjects may be taken at the College at the time of entrance examinations, June 7–9, or September 13–15, and at the close of each semester.

REQUIREMENTS FOR THE BACHELOR'S DEGREE.

The present arrangement of studies leads to the Degree of Bachelor of Arts. *After June, 1902, only the Degree of Bachelor of Arts will be conferred.*

The four years course consists of two years of prescribed and two years of elective work.

The unit of time is the semester hour, that is, one exercise a week for one semester will secure one hour credit. Three hours in laboratory or studio or in practice on the piano are necessary to secure one hour credit. No more than fifteen hours a week will be allowed.

The maximum requirement for a degree is one hundred and twenty hours; the minimum requirement, one hundred and twelve hours. Of these fifty-eight are prescribed according to the following schedule :—

Freshman Year.

Figures indicate the number of hours per week.

First Semester.		*Second Semester.*	
Latin,	4	Latin,	4
Greek, French, German,	4	Greek, French, German,	4
English,	1	English,	1
Mathematics,	4	Mathematics,	4
Bible,	1	Bible,	1

Sophomore Year.

First Semester.		*Second Semester.*	
English,	1	English,	1
History,	4	English Literature,	4
Science,	4	Science,	4
Bible,	1	Bible,	1

Junior Year.

First Semester.		*Second Semester.*	
Philosophy,	4	Philosophy,	4
		Bible,	2

Senior Year.

All other courses are elective.

It is desirable that the prescribed work of the first two years be taken as indicated in the schedule. A required course may, however, be delayed provided it be taken at the time when it is regularly given.

During the Sophomore year, each student who has registered for

a degree should elect one department in which to do major work. *Twenty hours of work must be devoted to the major subject.*

The elective courses of the Junior and Senior years may then be arranged in consultation with the head of the department in which the major work has been chosen, and the plan submitted to the Board of Advisers. If the plan is sufficiently comprehensive to fulfill the requirements of the bachelor's degree, the written approval of the Board will be given.

Students are advised to give careful thought to the arrangement of their work as early as the beginning of the Sophomore year, as they may find it to their advantage to devote the elective time of the second year to their major subject.

REQUIREMENTS FOR THE MASTER'S DEGREE.

Candidates for the Master's degree will be required :—

1. To have completed the Bachelor's Course.

2. To have spent at least one year of resident study at the College, under the direction of a special committee of the Faculty appointed for supervising and directing that work.

3. To present a satisfactory thesis upon a subject which has been approved by the head of the department in which the principal part of the candidate's work has been done.

COURSES OF STUDY.

GREEK.

1. and 2. Lysias, selected orations; Plato, Apology and Crito: Homer, Odyssey (selections amounting to about two thousand lines); Lectures on Homeric life and antiquities; Weekly exercises in writing Greek based on orations read.
First and second semesters, four hours. MISS FLINT.

3. Demosthenes, selections; Euripides, one drama.
First semester, four hours. MISS ABBE.

4. Rise and development of Greek Drama; Three tragedies; Study of the Greek Theater.
Second semester, four hours. MISS ABBE.

5. Aristophanes, selected comedies; Study of Athenian life.
First semester, four hours. MISS ABBE.

6. Elegiac, Iambic, and Lyric Poetry; Theocritus.
Second semester, two hours. MISS ABBE.

7. Sight Reading and Prose Composition. Systematic study of Greek etymology and syntax, with exercises in writing Greek; Practice in translation at sight and hearing. Especially recommended to those intending to teach.
Second semester, two hours. MISS ABBE.

8. Topography and Monuments of Greece; Pausanias.
Open to Juniors and Seniors.
Second semester, one hour. MISS FLINT.

9. Historians, selections from Herodotus and Thucydides.
First semester, four hours. MISS ABBE.

10. Plato, selected dialogues.
Second semester, four hours. MISS ABBE.

For course in Greek Testament see Department of Biblical Study.

Courses 1–5 constitute a major.

Mount Holyoke contributes to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to its advantages.

LATIN.

1. Cicero De Senectute, De Amicitia ; Livy, Books XXI., XXII. ; Study of Syntax, connected history and geography ; Writing of Latin based on the text read.
   First semester, four hours. Miss Bradford, Miss Green.

2. Livy, continued ; Horace, Odes and Epodes ; Horatian meters ; Memorizing selected passages.
   Second semester, four hours. Miss Bradford, Miss Green.

3. Pliny, selected Letters ; Tacitus, Germania, Agricola, Dialogus ; Style of the literature of the Silver Age ; Study of Roman life at this period.
   First semester, four hours. Miss Hazen.

4. Horace, Satires and Epistles ; Persius ; Juvenal ; Study of the Roman Satire ; Customs and civilization at Rome as reflected in these works.
   Second semester. Miss Hazen.

5. Plautus ; Terence ; Particular attention is given to archaic forms and constructions, and to the study of meters.
   First semester, four hours. Miss Green.

6. Lucretius, De Rerum Natura ; Cicero, philosophical writings.
   Open to Seniors who have taken Courses 1–3.
   Second semester, two hours. Miss Hazen.

7. Translation at sight and at hearing ; Writing in Latin and discussion of syntax. Designed for those who are preparing to teach.
   First semester, two hours.

8. Quintilian ; Cicero.
   Second semester, two hours.

Practice in sight translation, carefully finished written translation, and dictation, accompanies most of the courses.

Courses 1–5 constitute a major. Two of Courses 6–8 may be taken as an equivalent of Course 5.

SEMITIC LANGUAGES.—HEBREW.

1. Elements of Hebrew Grammar, translation exercises and easy readings from the Historical Books.
   Two hours throughout the year. Miss Corwin.

2. Translation of Historical selections. Studies in Hebrew Grammar. Vocabularies and sight reading.
First semester, two hours. Miss Corwin.

3. Readings from the Prophetical Books. Study of Syntax. Vocabularies and sight reading.
Second semester, two hours. Miss Corwin.

ARABIC.

1. Beginning course. The principles of Arabic Grammar, and readings from the chrestomathy of Socin's Arabic Grammar.
First semester, two hours. Miss Corwin.

2. Continuation of Course 1, with a study of Arabic Syntax.
Second semester, two hours. Miss Corwin.

SYRIAC.

1. The principles of Syriac Grammar, and readings from the Syriac version of Genesis.
First semester, two hours. Miss Corwin.

ASSYRIAN.

1. The principles of the language. Reading of transliterated texts from inscriptions bearing upon Old Testament history, and a study of the main cuneiform characters.
First semester, two hours. Miss Corwin.

2. Reading of selected cuneiform inscriptions.
Second semester, two hours. Miss Corwin.

ROMANCE LANGUAGES.— FRENCH.

1. Elementary French.
Reading of easy prose, grammar, auxiliary and regular verbs, exercises, dictation.
The Berlitz Method is used and every effort is made from the beginning to enable the students to express themselves in French.
Four hours, first semester. Miss Vitzthum, Miss F. Smith.

2. Elementary French.
Continuation of Course 1.
Irregular verbs, grammar, dictation, prose composition, reading, memorizing.
Four hours, second semester. Miss Vitzthum, Miss F. Smith.

3. A short course in the outlines of the history of France and her literature will be given as a preparation for the detailed study of different periods. Reading of easy nineteenth century prose. The students will be drilled in writing French by means of prose composition, practical letters, short papers.
Four hours, first semester. Miss Vitzthum, Miss F. Smith.

4. Continuation of Course 3.
The works of the masters of the end of the nineteenth century will be read and studied and narrations will be given and papers written on historical and literary subjects by the students.
Four hours, second semester. Miss Vitzthum, Miss F. Smith.

5. Scientific French.
This course is intended especially for those who wish to acquire facility in reading French for use in the departments of science; special attention will be paid to sight reading and conversation on scientific subjects. The ordinary scientific vocabulary will be acquired by the reading of French scientific reviews, as La Nature, L' Année Scientifique et Industrielle par L. Figuier, Revue rose, etc.
Four hours, second semester. Miss F. Smith.
This course must be preceded by Courses 1, 2, 3, and 4, or equivalents.

6. Reading of difficult nineteenth century French prose. Some of the works of H. Balzac, Victor Hugo, Merimée, Stendhal, P. Bourget, and others will be read in class. Advanced prose composition, narration.
This course follows 4 or 5.
Four hours, first semester. Miss Vitzthum.

7. Continuation of Course 4.
Study of the works, life, and influence of Victor Hugo. Prose composition, essays, retranslations, papers. This class will

be given references to Le Mouvement Littéraire au XIX^{e} siècle par G. Pellissier, Sainte-Beuve, J. Lemaître, and others.

Four hours, second semester. Miss Vitzthum.

8. Lectures on the history and literature of the seventeenth century.

Study of the Classical tragedy, its origin, its development; the French Academy; Corneille, Racine.

This class will be given references to Guizot's Corneille et son temps, and the critics Sainte-Beuve, J. Lemaître, E. Faguet, J. Brunetière, H. Taine. Papers required.

This course must be preceded by 1, 2, 3, 4, or equivalents.

Four hours, first semester. Miss F. Smith.

9. Study of the origin and development of the comedy in France, its effects upon the people. Study of Molière, Regnard, and others. Study of miscellaneous literature of the seventeenth century, Boileau, La Fontaine, Bossuet, Fénelon, La Rochefoucauld, La Bruyère, Pascal, and others. The salons and the celebrated women of Louis XIV.'s time. Reference reading, papers.

Four hours, second semester. Miss F. Smith.

This course must be preceded by Courses 1, 2, 3, 4, and 8.

10. Literature of the eighteenth century. Lectures on the history and development of literature; the literature of transition, the growth of scientific, philosophical, and socialistic ideas. Aim of Voltaire and of Rousseau; life, works, and influence of the Encyclopedists. Reading of selections from the works of Voltaire, Rousseau, Diderot, d'Alembert, Bernardin de Sainte-Pierre. Papers.

Four hours, first semester. Miss Vitzthum.

11. Early writers of the nineteenth century; the Romanticists. Study of the lives and works of Chateaubriand, Mme. de Staël, Lamartine, and Victor Hugo. Special study of Lamartine and Victor Hugo as poets. Essays, composition.

Four hours, second semester. Miss Vitzthum.

12. Contemporary literature.

Lectures on the development of thought in the nineteenth

century. Literary societies and salons. Tendencies of modern writers; realism, naturalism, symbolism, impressionism, exoticism, parnassism; the great critics of our days; the modern drama and poetry. Characteristics of individual writers of the day. Reading of selections; papers.

Four hours, first semester. Miss Vitzthum.

13. Literature of the sixteenth century. The Renaissance in France. Influence of François I. and of Marguerite de Navarre. Poetry of Clement Marot, Villon, Ronsard, and la Pleïade. Montaigne, Calvin, Rabelais, Malherbe. Lectures, reading of selections, essays.

Elective for Seniors and those who have had Courses 8 and 9.
Four hours, second semester. Miss Vitzthum.

14. Old French.

Study of the origin and development of the French language. Study of grammar, Clédat; reading of texts from the eleventh, twelfth, and thirteenth centuries, such as Chanson de Roland, selections from Loherains, Roman de la Rose, Fabliaux, the songs of the trouvères, Chroniques de France. The class will use Ch. Aubertin's Histoire de la Langue et de la Littérature au moyen âge and G. Paris' Manuel de la Littérature française du moyen âge. Study and reading of Poésie provençale by Mistral; Mirèio, Nerto, etc. Translations from Old into Modern French.

Elective for Seniors.
Four hours, first semester. Miss Vitzthum.

15. Syntax and Rhetoric; Pedagogics.

Composition, essays, practical and theoretical phonetics, exercise in pronunciation. Lectures on the formation of the language and its changes. Pedagogics and didactics. Lectures on the theory and practice of teaching. Works consulted; H. Spencer. L'éducation intellectuelle, morale et physique; Les idées de Rabelais et de Montaigne sur l'éducation. Mme. de Maintenon à Saint-Cyr; Fénelon, Rousseau; Pestalozzi; Froebel, R. Figuier, A. Laugier.

ITALIAN.

Sauer's Conversation-Grammar, Cuore, de Amicis. Racconti di Natale, Marchesa Colombi. Il Curato di Orobio, Visconti Venosta.

First or second semester.

SPANISH.

Método Berlitz ; Conversation and exercises. Reading : Pepita Jiménez, Carlos Americános por Juan Valero, Marianela por B. Pérez Galdós, El Final de Norma por Alarcón, Marta y María por Armando Palacio Valdés.

First or second semester.

GERMAN.

1. Elementary course. Grammar, Van Dael's Das deutsche Buch, Brandt's German Reader, memorizing of poetry and narration.

First semester, four hours. MISS SIHLER.

2. Continuation of Course 1. Grammar and Reader completed. Short tales by Riehl and others. Memorizing of poetry, composition, and narration.

Second semester, four hours. MISS SIHLER.

3. (*a*) Grammar, composition, and reading. Modern plays and narrative prose are chosen for reading according to the needs of the class.

First semester, four hours. MISS SIHLER, MISS HINSDALE.

4. (*a*) Continuation of Course 3 (*a*). Grammar and composition. Reading of a classic play, such as Wilhelm Tell or Minna von Barnhelm. Lyrics and Ballads.

Second semester, four hours. MISS SIHLER, MISS HINSDALE.

3. (*b*) Translation course. Rapid reading of easy prose, Brandt and Day's Scientific Reader.

First semester, two hours. MISS SIHLER.

4. (*b*) Continuation of 3 (*b*). Rapid reading of easy prose. Translation of Scientific Monographs, such as Helmholtz's Über Göthes Naturwissenschaftliche Arbeiten, Cohn's Über Bakterien, etc.

Second semester, two hours. MISS SIHLER.

Courses 3 (*b*) and 4 (*b*) are intended for students who wish a reading knowledge of German for use in other departments. Open to students who have taken Courses 1 and 2, or have presented the elementary requirement for entrance.

5. (*a*) Grammar, composition and rapid reading (without translation).

First semester, two hours. Miss Hinsdale.

5. (*b*) Schiller's life and works. Lectures in easy German, short papers and oral reports on special topics. Reading and discussion of Schiller's earlier dramas.

This course must be accompanied by Course 5 (*a*). Open to students who have taken Courses 3 (*a*) and 4 (*a*). or have presented the advanced requirement for entrance.

First semester, two hours. Miss Hinsdale.

6. (*a*) Grammar, composition, and rapid reading.

Second semester, two hours. Miss Hinsdale.

6. (*b*) Schiller (continuation of Course 5 *b*). Wallenstein, and selected poems read and discussed. Lectures, papers, and reports as above.

Second semester, two hours. Miss Hinsdale.

7. Goethe's life and works. Lectures, papers, and oral reports. Dichtung und Wahrheit (selections),Götz von Berlichingen, Egmont, and selected lyrics are read and discussed.

First semester, two hours. Miss Hinsdale.

8. Goethe (continuation of Course 7). Reading and discussion of Tasso, Iphigenie, lyric poems, etc. Lectures, papers, and reports as above.

Second semester, two hours. Miss Hinsdale.

9. Goethe's Faust, Part I. Reading and discussion of the text. Lectures, papers, and oral reports on assigned topics.

First semester, two hours. Miss Hinsdale.

10. Goethe's Faust, Part II. Lectures, discussions and papers, as above.

Second semester, two hours. Miss Hinsdale.

11. Lessing's life and works. Lectures, readings, and papers. Special attention will be given to Lessing's influence on German literature both as poet and critic. In connection with his work as a dramatic critic, stress will be laid upon the study of the technic of the drama.

(Omitted in 1898-99.)

12. Middle High German. Grammar and selected readings.
Second semester, four hours. Miss Hinsdale.
Selections from the Nibelungenlied, Gudrun, Hartman von Aue; and the Minnesinger are translated into modern German. This course is of special value to those intending to teach German.

13. Contemporary writers. Rapid reading of novels and dramas.
First semester, one hour. Miss Sihler.

14. Contemporary writers.
Second semester, one hour. Miss Sihler.

15. History of German Literature from the earliest times to the end of the Middle Ages. Lectures and readings.
First semester, two hours.

16. History of German Literature from the end of the Middle Ages to the death of Goethe. Lectures and readings.
Second semester, two hours.
(Courses 15 and 16 omitted in 1898-99.)

The work in German is intended to give the student a thorough knowledge of the principles of the German language and an introduction to German literature. The relation of the literature to the life and thought of the German people is constantly held in view. As far as practicable German is made the language of the class-room, and the student is encouraged and assisted in the oral use of the language. The Eichbund, a social and literary club, gives opportunity for practice in conversation. It also brings before the department German lecturers who speak on subjects of special interest to students of German.

ENGLISH.

Rhetoric.—

1. Description, narrative, exposition, with study of models and numerous brief papers, also a character sketch, a short story, and an exposition. Genung's Practical Elements of Rhetoric and Handbook of Rhetorical Analysis, supplemented by material drawn from other sources.
One hour throughout the year. Required of all Freshmen.
Miss Wood, Miss Carpenter.

2. Argument, persuasion. Several briefs are required, also a debate and a plea. In addition to books mentioned under

1, Baker's Principles of Argumentation and Specimens of Modern Argumentation.

One hour throughout the year. Required of all Sophomores.

Miss Wood, Miss Carpenter.

3. Principles of structure.

Structure of the novel, the epic, and the drama.

Aristotle's Poetics, Freytag's Technique of the Drama.

The object of this course is to furnish a basis for the analysis of plot construction and character development. Oral and written analyses and diagrams, also the outline of an original plot.

Two hours, first semester. Open to all who have had Courses 1 and 2.

Miss Stevens.

4. Principles of style.

(*a*) Prose style.

(*b*) Poetic style.

Two hours, first semester. Open to all who have had Courses 1 and 2.

Miss Stevens.

5. Literary criticism.

Studies in interpretation and comparison in prose and poetry. Two essays.

One hour throughout the year. Open to Seniors. Miss Wood.

6. Outline of the development of rhetorical theory, with special study of parts of Plato's Gorgias and Phædrus, Aristotle's Rhetoric, or Quintilian's Institutes of Oratory, and examination of modern text-books.

Two hours, first semester. Open to all who have had Courses 1, 2, 4.

Miss Stevens.

7. Journalism.

The aim of this course is such practical work as will help students who are thinking of journalism as a possible profession. Occasional lectures will be given by experienced journalists. The work of the Press Club is included in this course.

One hour throughout the year. Open to those who have had Courses 1 and 2. Miss Stevens.

8. Discussion of questions of importance to those who expect to teach English in Secondary Schools. Criticism of stu-

dents' essays and examinations, and preparation of various tests of work.

One or two hours, second semester. Open to Seniors. MISS STEVENS.

9. Æsthetics.

An historical study of the most important epochs in the history of æsthetics with a view to arriving at a theory of art criticism.

Two hours, first semester. Open to Seniors. MISS STEVENS.

ENGLISH LITERATURE AND LANGUAGE.

1. Introductory course in the history of English Literature.

The aim of the course is to give a connected view of the main facts in the development of the literature, by a general study of three great creative periods: (*a*) the Chaucerian; (*b*) the Elizabethan; (*c*) the Classical. Each period is considered in relation to contemporary European literature. Lectures, with parallel reading by the class in literature and standard literary histories.

Second semester, four hours. MISS SWEET, MISS STEVENS.

2. Introductory course in Anglo-Saxon.

Study of grammatical forms; reading of most of the selections, prose and verse, in Bright's Anglo-Saxon Reader.

First semester, four hours. MISS SWEET.

3. Beowulf.

Linguistic, historical, and literary study of the poem.

Second semester, two hours. MISS SWEET.

4. Chaucer.

(*a*) Study of the environment and literary development of Chaucer.

(*b*) Linguistic study of one of the shorter Canterbury Tales with practice in pronunciation.

(*c*) Reading and discussion of most of the other Tales.

Second semester, two hours. MISS SWEET.

5. Shakespeare.

The object of the course is double:—

(*a*) To gain the fundamental facts of Shakespeare's dramatic structure and characterizations by study of individual plays.

(*b*) To gain the fundamental facts of Shakespeare's dramatic development by comparative criticism of plays in approximately chronological sequence.

All the plays of Shakespeare read by the class. Typical examples of the tragedy, the history, the comedy, receive detailed discussion. Each member of the class is responsible for the independent study of a single play.

First semester, four hours. MISS SWEET.

6. English poetry of the Nineteenth Century.

(*a*) The French Revolution and the Romantic revolt ; (*b*) the Revolutionary group,—Wordsworth, Scott, Byron, Shelley.

The aim of the course is to obtain a conception of each poet's intellectual and imaginative development by a study of his work in relation to his personal environment and the intellectual condition of the age.

Each student is responsible for one independent critical study.

First semester, four hours. MISS SWEET.

7. English prose of the Nineteenth Century.

(*a*) The essayists : Leigh Hunt, Hazlitt, Lamb.

(*b*) Critics of life : Carlyle, Ruskin, Pater, Matthew Arnold.

First semester, four hours.

Course 7 will alternate with Course 6. MISS SWEET.

8. The literature of the Eighteenth Century. (Exclusive of the novel.)

Second semester, four hours. MISS STEVENS.

9. The development of English Criticism from Sidney to Pater.

Second semester, two hours. MISS STEVENS.

10. The development of the English Novel.

A comparison of the Eighteenth Century Novel in respect to form and aims with the novel of the earlier Nineteenth Century.

Second semester, two hours.

Course 10 will alternate with Course 9. MISS SWEET.

11. Seminary in Nineteenth Century Literature.

A complete critical study of the works of one writer in prose or poetry. Choice is made by the class within this group : Carlyle, Ruskin, Browning, Tennyson.

The aim of the course is primarily the development of critical method.

Second semester, four hours. MISS SWEET.

12. Seminary in Language.

Subject may be either in Middle English or in Anglo-Saxon, according to the wish of the class.

Second semester, four hours. MISS SWEET.

Course 1 is required of all students; it will not count toward the major.

The courses which must be taken by all those making English a major are those numbered 2, 5, 6 (or 7), and 11; or 2, 3, 4, 5, and 12.

It is desirable that Course 5 should be preceded by the rhetorical course on Principles of Structure; and that Course 11 should be preceded by the course in Æsthetics.

MATHEMATICS.

1. Solid and Spherical Geometry (Beman and Smith).
Plane Trigonometry (Bowser).

First semester. MISS PURINGTON, MISS BERRY.

2. Spherical Trigonometry (Bowser); Higher Algebra (Wentworth).

Second semester, four hours. MISS PURINGTON, MISS BERRY.

3. Plane Analytical Geometry (C. Smith).

First semester, four hours. MISS SMITH, MISS PURINGTON.

4. Differential and Integral Calculus (Osborne).

Second semester, four hours. MISS SMITH, MISS PURINGTON.

5. Theory of Equations (Burnside and Panton).

First semester, three hours. MISS SMITH.

6. History of Mathematics.

Lecture course outlining development of the subject from its beginning to the close of the eighteenth century.

Open to all who have taken Courses 1 and 2.

One hour throughout the year. MISS SMITH.

7. Analytical Geometry of Three Dimensions (C. Smith).

Second semester, two hours. MISS SMITH.

8. Projective Geometry.

Two hours throughout the year. MISS SMITH.

9. Modern Higher Algebra.
First semester, two hours. MISS SMITH.

10. Differential Equations (Johnson).
First semester, two hours. MISS SMITH.

11. Teachers' Course. Algebra and Geometry.
Planned for those who wish to teach High School Mathematics.
Second semester, two hours. MISS PURINGTON.

BOTANY.

1. General Botany.
The design of this course is to give a general introduction to the subject of Botany. It furnishes a working knowledge of the essential facts and underlying principles of the morphology, physiology, and classification of plants. Critical study is made of the working organs of a typical fern and of gymnosperms, and attention is given to sight recognition of the simpler orders of plants in work in the botonical garden.
Two lectures and four hours of laboratory work per week.
Open to all students.
Second semester. MISS HOOKER, MISS RICHARDSON.

2. Plant Ecology.
This course is virtually a continuation of Course 1. Emphasis is placed upon the relation of the plant to its environment.
The Compositæ and some of the more difficult orders of plants are carefully studied and an herbarium completed.
First semester. Two lectures per week and four hours' laboratory and field work. Prerequisite, Course 1 or equivalent. MISS HOOKER, MISS RICHARDSON.

3. Plant Cytology.
This course includes a study of the anatomy and physiology of the plant cell and its manufactured products. The student becomes familiar with methods of staining, embedding, and mounting plant tissues. Twenty-five mounted slides required.
Open to all students.
Second semester. One lecture per week and five hours' laboratory work.
MISS HOOKER, MISS RICHARDSON.

4. Cryptogams.

This course is a study by selected types of the morphology, development, and classification of flowerless plants with the preparation of a cryptogamic herbarium.

Open to all students. Course 1 a desirable preparation.

Second semester. Two lectures per week and ten hours' laboratory and field work. Miss Hooker, Miss Richardson.

5. Comparative Histology.

This course is a comparative study of the different plant groups with reference to the evolution of the higher tissues. Particular attention is given to vascular tissue.

First semester. Two lectures per week and ten laboratory hours.

Miss Hooker, Miss Richardson.

6. Comparative Embryology.

A survey of methods of reproduction in the different plant groups illustrating the line of evolution of green plants. Special attention given to homologies.

Second semester. Two lectures and ten hours' laboratory work. Prerequisites, Courses 1, 3, 4. Desirable, 5. Miss Hooker.

7. Study of Trees.

This course deals with the identification, age, organs, and problems of trees. Structure and development of wood, uses and diseases of timber.

Second semester. Two lectures and ten hours' laboratory and field work. Prerequisities 1, 3, 5. Miss Hooker.

8. Plant Physiology and History of Botany.

First semester. Three lectures and nine hours' laboratory work per week. Prerequisities 1, 3, 4, 5, 6. Miss Hooker.

9. Floriculture.

The larger part of this work, which consists in the study of the culture and propagation of plants, is carried on in the plant house and botanical garden under the direction of the gardener. It is supplemented by lectures on pollenization, relation of plants and insects, hybrids, and kindred subjects.

Open to all students.

Second semester. Equivalent to two or four hours.

Courses 1, 2, 3, 4, 5, 7, 9, constitute a major.

Courses in Botany and Zoölogy may constitute a major in Biology.

ZOÖLOGY.

1. Invertebrate Zoölogy.

The design of this course is to give a general introduction to the subject. The attempt is made to bring before the student the fundamental facts and principles of General Biology in their special application to animal life. The laboratory practice leads to the desire to gain knowledge at first hand rather than from books.

A special study of the earthworm is required, to gain an elementary knowledge of animal Morphology, Physiology, and Embryology, following the method laid down in Sedgwick and Wilson's Biology. The other forms studied during this semester are the grasshopper, starfish, and lobster.

First semester, two hours. Miss Clapp, Miss Turner.

2. Invertebrate Zoölogy (continued).

Lectures and laboratory work on the Mollusca.

A course in Vertebrate Zoölogy begins with the spring term. The fish, frog, and salamander are studied, and some systematic work is required. Attention is also given to the habits and songs of our common birds.

Second semester, two hours. Miss Clapp, Miss Turner.

3. Comparative Anatomy of Vertebrates.

The study of the cat as a typical mammal furnishes the opportunity for gaining a knowledge of anatomical and histological methods. The elements of Neurology are given during this semester for the benefit of those taking Psychology.

This course is adapted to the needs of those intending to study medicine.

First semester, four hours. Miss Clapp.

4. Embryology.

Lectures and laboratory work on the different stages in the development of the chick, frog, and salamander. The more important embryological problems are presented in the lectures, and constant reference is made to the text-books of Balfour, Marshall, and Hertwig.

Second semester, four hours. Miss Clapp.

5. Neurology.

This course presupposes a knowledge of the main facts of Neurology (Course 3).

The laboratory instruction consists of a course in the histology of the central nervous system and sense organs, the more modern methods of neurological investigation being employed. The lectures accompanying the work present the problems connected with the subject.

First semester, four hours. Miss Clapp.

6. Histology and Microscopical Technique.

This course presupposes some acquaintance with histological methods (Course 3). The work of this course consists of laboratory practice in the preparation of material for microscopical study.

Second semester, four hours. Miss Clapp, Miss Turner.

7. Osteology.

The preparation of the bones and the mounting of the skeleton of some mammal constitutes the laboratory work of this course. Lectures are given on the structure and development of bone. This course furnishes a good preparation for the study of human anatomy.

First semester, four hours. Miss Clapp.

8. Cellular Biology.

The lectures of this course present the modern view of cell structure, the problems of cell organization, and the phenomena of cell division and development.

The theories of Lamarck, Darwin, and Weismann are compared and various topics of interest are discussed in connection with the philosophical side of this subject. The best books for consultation are Hertwig's "The Cell," and Wilson's "The Cell in Development and Inheritance."

Second semester, four hours. Miss Clapp.

Courses 1, 2, 3, 4, 5, and 8 constitute a major.

Courses in Zoölogy and Botany may constitute a major in Biology.

A Biological Club meets occasionally during the year. A Journal Club meets fortnightly to report current Zoölogical literature.

MARINE ZOÖLOGY.—

There is an opportunity for students to take courses in Marine Zoölogy at the Marine Biological Laboratory, Wood's Holl, Mass. Credit is given by the College for such courses. The College subscribes each year for an investigator's room at this laboratory during its summer session.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

The work consists of lectures by the Resident Physician.

Lectures on development and structure are illustrated by models, charts, and dissection of the lower animals.

Lectures upon the management of emergency cases, with practical demonstrations in bandaging, etc., upon the history, science, and medical import of cookery, and upon sanitary science of homes and schools conclude the course.

Second semester, four hours. DR. LOWELL.

CHEMISTRY.

1. General Chemistry.

   A study of the history, occurrence, preparation, and properties of the more important non-metals and their principal compounds; also a similar study of one or more typical metals. This course includes a sufficient study of the laws governing chemical changes to form a basis for future work.

   Lectures, recitations, laboratory work.

   First semester, four hours.

   MISS GOLDTHWAITE, MISS HAFFNER, MISS GIBBONS.

2. Qualitative Analysis.

   Lectures on the metals concluded. The laboratory work consists of the qualitative separation of the more important metals and acids, with constant practice in identifying substances whose composition is unknown to the student.

   Lectures, recitations, laboratory work.

   Must be preceded by Course 1.

   Second semester, four hours.

   MISS GOLDTHWAITE, MISS HAFFNER, MISS GIBBONS.

3. Quantitative Analysis.
   Gravimetric determinations. Volumetric analysis.
   Lectures, recitations, laboratory work.
   Must be preceded by Course 2.
   First semester, four hours. Miss Goldthwaite.

4. Quantitative Analysis.
   Continuation of Course 3. Volumetric analysis ; gravimetric separations.
   Second semester, four hours. Miss Goldthwaite.

5. Organic Chemistry.
   Typical organic compounds, and the relations between the different classes of organic compounds studied in detail.
   Lectures, recitations, and laboratory work.
   Must be preceded by Course 2.
   First semester, four hours. Miss Goldthwaite.

6. Advanced General Chemistry.
   Lectures on Theoretical Chemistry. Laboratory experiments too difficult for Course 1. Must be preceded by three courses in Chemistry and by at least one course in Physics.
   Second semester, four hours. Miss Goldthwaite.

7. Teachers' Short Course, including quantitative experiments, and lectures on the more common organic compounds and reactions.
   Must be preceded by Courses 1 and 2.
   First semester, four hours.

8. Journal Club.
   Open to students who are taking a major in Chemistry and to others who receive permission.
   First and second semesters, one hour. Miss Goldthwaite.

Courses 5 and 6 will be offered in 1898–99, and may be expected alternate years thereafter. Courses 3, 4, and 7 will be omitted in 1898–99 but will be offered in 1899–1900 and may be expected alternate years thereafter. Courses 1, 2, 3, 5, and 6 constitute a major.

PHYSICS.

1. General Physics.
   A lecture course giving fundamental principles accompanied by experimental illustrations.
   First semester, two hours. Miss Noyes.

2. General Physics.

This course aims to give a general outline of the subject, accompanied by such laboratory work as will give some knowledge of instruments, and of the methods used in experimental work.

Second semester, four hours. Miss Noyes, Miss Bliss.

3. Mechanics, Heat, Light.

This course is intended for students who wish to lay the foundation for advanced work in Physics or Astronomy. More attention is given to the mathematical side of Physics than in Course 2, and there is somewhat more laboratory work.

Second semester, four hours. Miss Noyes, Miss Bliss.

4. Sound, Magnetism, Electricity.

A continuation of Course 3.

First semester, four hours. Miss Noyes, Miss Bliss.

5. Practical Physics.

This course furnishes an opportunity for laboratory work in such subjects as will be of most assistance to the student in connection with other work, or such work as, for any reason, will be of most value to her.

First and second semesters. Miss Noyes, Miss Bliss.

6. Advanced course in Heat or Light.

First or second semester. Miss Noyes.

7. Electrical Measurements.

Most of the work is done in the laboratory.

First or second semester, two or four hours. Miss Noyes, Miss Bliss.

All courses except 1 require a knowledge of Trigonometry. Course 3 requires a previous course in elementary Physics. Courses 4 and 6 must be preceded by Course 3; and Course 7, by Course 4. Courses 3–7 may constitute a major.

ASTRONOMY.

1. Lecture course.

Popular lectures for the general student requiring neither Mathematics nor Physics.

One semester, one hour. Miss Bardwell.

2. Descriptive Astronomy.

A general survey of the principal departments of Astronomy. Celestial sphere, instruments, determination of latitude, of time, of longitude, eclipses, solar system, stellar universe, cosmogony. Students are taught to locate the principal constellations; the observatory is open to them and opportunities are afforded to view the sun, moon, planets, stars, and nebulæ. Text-book: Young's General Astronomy.

Two hours for the year. MISS BARDWELL.

3. Descriptive Astronomy. (Course 2 repeated.)

First or second semester, four hours. MISS BARDWELL.

Courses 2 and 3 require a knowledge of Trigonometry and Physics.

4. History of Astronomy.

The development of Astronomy from the earliest records to the present time.

Two hours. MISS BARDWELL.

5. Practical Astronomy.

Transformation of co-ordinates, correction of observations, precession, nutation, aberration, proper motion, use of the sextant, equatorial telescope, clock, chronograph, theory and use of the transit instrument. Students use the instruments making and reducing their own observations. Reference book: Hand-book of Astronomy, by W. W. Campbell.

One semester or for the year, two hours. MISS BARDWELL.

Course 4 or 5 must be preceded by Course 2 or 3.

Courses in Physics and Astronomy constitute a major.

GEOLOGY.

1. (*a*) Lithological Geology.

Study of Crystallography and Petrography with microscope and polarizer. Identification and classification of minerals. Well equipped cabinet, rock sections, glass models, etc.

(*b*) Physiographic and Dynamical Geology. The successive formations are illustrated by maps and charts, especially the geological map of the United States by Dr. C. H.

Hitchcock of Dartmouth College; also by a good collection of lantern slides.

Second semester, two or four hours. MISS COWLES.
Must be preceded by one course in Chemistry.

2. (*a*) Historical Geology.

The progress of life is studied in connection with Ward's University Series of Casts, and the various collections of fossils. The Paleontological department also contains a fine collection of fossil footmarks from the Connecticut valley. It is expected that those who take this course will have a sufficient knowledge of living forms and their classification to admit of the study of fossils.

(*b*) Paleontology. This is a continuation of Course 2, embracing further work in the study of fossils and their affinity with living forms.

First semester, two or four hours. MISS COWLES.

3. Economic Geology.

Study of the useful metals and the principal building and ornamental stones; the mining of coal, production of natural gas, and related subjects.

Second semester, two or four hours. MISS COWLES.

4. History of Geology.

First semester, two hours. MISS COWLES.

5. Further work in Petrology, including the use of the section cutter and lithological microscope.

Must be preceded by Course 1 (*a*), and by one semester, in Physics.
Second semester, four hours. MISS COWLES.

6. Field, microscopic, and laboratory work, with papers on various geological subjects.

First semester, four hours. MISS COWLES.

7. General Geology.

Lectures,— a synoptical course treating of the leading principles of the science, and the more important events of geological history. Intended primarily for those students not intending to specialize in Geology.

First semester, two hours. MISS COWLES.
Courses 1, 2, 3, 5, and 6 constitute a major.

HISTORY.

1. The History of Mediæval Europe.

   This course opens with a study of the sources of mediæval and modern civilization, (*a*) Rome, (*b*) the Church, (*c*) the Germans. This is followed by a detailed study of the growth of the Frankish power through the Merovingian and Carlovingian dynasties with special reference to the Empire of Charlemagne, the growth and influence of the Church, and its alliance with the Empire, the rise and power of Mohammedanism, the Feudal System, the conflict between the Papacy and the Empire, the Crusades and the national growth of France, Germany, and England.

   First semester, four hours. Miss Prentiss.

2. From the Renaissance to the close of the Reformation.

   A study of the Renaissance in Italy, Germany, England, and France; of the decline of the papacy, and the establishment of monarchies in France, England, and Spain; of the origin, progress, and results of the Reformation.

   Second semester, four hours. Miss Prentiss.

3. From the Treaty of Westphalia to the close of the Napoleonic Wars.

   The growth of the French monarchy in the seventeenth century; the causes, progress, and results of the English Revolution; the rise of Prussia; study of French institutions and philosophical writers; the rise of Napoleon and the Empire; the European Wars, and the history of party government in England in the eighteenth century.

   First semester, four hours. Miss Prentiss.

4. From 1815 to the present time.

   This course gives a general survey of the European history of the nineteenth century, with special attention to that of England, France, Germany, Italy, Russia, Spain, and Switzerland. A prominent object is to trace the growth of the national spirit, of constitutional government, and of popular rights.

Special topics for individual study are selected by each member of the class, and pursued through the semester.

Second semester, four hours. Miss Prentiss.

In all the courses the means of instruction are recitations, lectures, topical outlines, special topics, assigned readings, papers, discussions, and examinations.

CONSTITUTIONAL HISTORY AND POLITICAL ECONOMY.

1. English Constitutional History.

A study of the origin, early growth, and later development of the English Constitution. The student is assigned topics which require the study of documents, and of the principal authorities on constitutional history, upon which reports are made to the class.

First semester, two hours. Miss Soule.

2. Civil Government of the United States.

The aim of this course is to give an insight into our political institutions, national, state, and municipal. The work will be conducted by means of recitations, and reports from assigned readings. Each student will be given an opportunity for a special study of the institutions of her own state.

First semester, two hours. Miss Soule.

3. American Colonial History.

The aim of this course is the study of the origin and early development of American institutions. The work will be based on the study of original sources, and will be carried on by means of lectures, recitations, and reports upon assigned readings.

Students expecting to specialize in American History are advised to elect this course in their Sophomore year.

Second semester, two or three hours. Miss Soule.

4. Political and Constitutional History of the United States.

This course comprises a study of the establishment, development, and operation of the Constitution of the United States. Some time will also be given to a study of the origin and influence of political parties.

The work will be in the form of lectures and recitations.
Open to all students who have had two courses in History.
Two or three hours throughout the year. MISS SOULE.

5. Political Institutions.
The purpose of the course is to show how modern political institutions have developed from a few primitive forms. The work will take the form of lectures and recitations. In addition, each member of the class will be expected to write an essay upon some subject assigned for special study.
Open to all students who have had four courses of History.
Second semester, two hours. MISS SOULE.

6. Teachers' Course in United States History.
Designed for those who expect to teach United States History in the public schools.
The work will consist of reports and discussions upon bibliography, and the methods of presenting the subject to different grades of pupils. Each student is expected to present a paper upon some phase of the subject.
Open only to Seniors who have taken Courses 3 and 4.
Second semester, two hours. MISS SOULE.

7. History of Industrial Society in England and the United States.
This course is important as a preparation for the study of the labor and social problems. It is designed, therefore, as introductory to the work in Political Economy, though not required.
The course is designed to show how modern industrial customs and rights came into existence. The work will consist of lectures and recitations from Rogers, Cunningham, Ashley, Wells, and others. Each student is expected to present a paper upon some one of the industries of the United States.
Second semester, two hours. MISS SOULE.

8. Elements of Political Economy.
This course is designed to give a knowledge of the main principles of economic theory. The work will consist of lectures, and recitations from Walker, Mill, Marshall, and

other authorities. Each student is required to visit a factory, or other industrial institution, during the semester or previous summer, and to make a formal report to the class.

First semester, four hours. Miss Soule.

9. Socialism and Communism.

This course will present a brief history of the development of the socialistic idea and a discussion of the socialistic movements of to-day.

Lectures and recitations.

Open only to those who have had Course 8.

Second semester, two hours. Miss Soule.

PHILOSOPHY.

1 and 2. Logic, Psychology, and Ethics.

This course comprises: (1) A brief study of the principles of Inductive and Deductive Logic; (2) an elementary study of psychology, including the comparison of significant topics in the most important contemporary systems of psychology; and (3) an outline of systematic ethics with some reference to the great types of modern ethical theory.

Four hours throughout the year. Required of all Juniors. Miss Muir.

3. Experimental Psychology, and Pedagogy.

This course will include (1) four hours a week of laboratory work, with reading and lectures in connection with the experiments; and (2) an introductory study of the principles of teaching, and the special psychology of childhood.

Second semester, four hours. Open to all who have taken the first semester's work in the required course. Miss Muir.

4. The History of Philosophy in Outline.

An introductory outline of Greek philosophy is followed by a study of the development of modern philosophy. The work of the course will include constant reference to the standard histories of philosophy; class discussions, and lectures.

First semester, four hours. Open to all who have taken Courses 1 and 2. Miss Muir.

5. History of Philosophy: the study of some special period in Philosophy.

The subject of the course may be selected from year to year. Some philosophical movement, or single work, such as Kant's Critique of Pure Reason, will be studied in this course.

Second semester, four hours. Open to those who have taken Course 4.

Miss Muir.

Courses 1–5 constitute a major in this department. Those who have elected Course 3 may substitute for Course 5, Course 5 in Zoölogy (the study of Neurology).

ARCHÆOLOGY AND HISTORY OF ART.

The courses, in this department, are planned to give a general survey of representative periods in the development of art. It is the object to make the student acquainted with the history and methods of archæological science, and with the important results of recent excavations. In this study, the existing remains of ancient civilization and examples of later art will be considered as interpreting the life, character, and artistic spirit of the people, and the progress of thought and literature.

Attention will be directed, in great measure, to the monuments of Egypt, Greece, and Rome, and to the master-works of the Renaissance in Italy.

1. Egyptian Archæology.

   Ancient Empire ; the mastaba and pyramid. Portrait statues. The doctrine of future life. Relief sculpture, Tomb of Ti. Earliest forms of column and capital, Beni-Hasan.

   The Theban Empire. Temple architecture and sculpture. Karnak and Luxor. Memorial temples ; Deir-el-Bahari.

   The Ptolemaic period ; Edfu, Esneh, Philae.

   Egyptian symbolism and decorative art. Use of colors.

   First or second semester, two hours. Miss Randolph.

2. Babylonian-Assyrian Art.

   The ziggurat. Temple of Bel, Nippur. Explorations in the Lower Euphrates.

   Plan and ornamentation of the Assyrian palace. The column. Use of the arch. Relief sculpture, Nineveh. Variation from Egyptian designs.

   Records of Hittite dominion. Art of the Phœnicians.

   First or second semester, one hour. Miss Randolph.

3. Classical Archæology.

The Mycenean civilization. Palace and citadel of Tiryns. Greek Temple architecture. Corinth. Sicily. Ægina. Topography and monuments of Olympia. The Acropolis of Athens; present condition, with topical study of each building, history, order, sculptural decoration.

Polychromy. The Sidon sarcophagi.

Sculpture, as the characteristic art of Greece. The archaic period. Leading types, referred to the great masters of the fifth and fourth centuries, B.C. Discussion of existing original marbles and copies. The Alexandrian age.

Greek painting and ceramics.

First or second semester, three hours. MISS RANDOLPH.

4. Classical Archæology.

Topography and architectural history of Rome; following the latest archæological surveys of the Roman Forum and the Imperial Fora.

Greek models in Temple building. Temples of Fortuna Virilis, Castor and Pollux, Mars Ultor. Origin and purpose of the Roman Basilica.

Typical buildings of imperial times. The Pantheon, disputed questions. Sculpture and painting during the Roman supremacy.

Second semester, two hours. MISS RANDOLPH.

5. Early Christian and Mediæval Art.

Examples, Rome and Ravenna. The Basilica type in church building.

Byzantine and Arabian art, illustrated in Santa Sophia and the Alhambra. Methods in wall decoration.

Later Byzantine influence in Italy. Church of St. Mark's, Venice.

Second semester, one hour. MISS RANDOLPH.

6. Cathedral Architecture.

The Romanesque style: principles in construction and decoration, a study of national types, comparing chief examples; old churches of Cologne, Cathedrals of Mayence, Poitiers, Durham, and Pisa.

Significance of Gothic forms. Rise of the Gothic in France. Cathedral of Amiens. Characteristics of the "Early English" and later styles in England; Salisbury, Exeter, Chapel of Henry VII., Westminster.

Gothic churches in Italy and Spain.

Renaissance architecture.

Second semester, two hours. MISS RANDOLPH.

7. Art of the Renaissance.

Painting as the characteristic art of Italy. Schools of Florence, Umbria, Padua, and Venice. Representative artists of the fourteenth and fifteenth centuries; Giotto, Masaccio, Botticelli, Donatello, Perugino, Mantegna, the Bellini, with detailed study of works of most formative influence, leading to the achievements of the sixteenth century.

Further review and comparison of the masterpieces of Leonardo da Vinci, Michael Angelo, Raphael, Correggio, Titian, and Tintoretto.

Second semester, three hours. MISS RANDOLPH.

8. Painting in Northern Europe and Spain.

Early schools, Flanders and Germany. Art of the seventeenth and eighteenth centuries. Flemish, Dutch, and German painters.

Spanish Art, Velasquez and Murillo. French and English schools. Review of modern art.

Second semester, two hours. MISS RANDOLPH.

Parts of Courses 1-7 will be given in consecutive order.

Open to Juniors and Seniors. Course 8 withdrawn in 1898-9.

The illustrations of the History of Art consist of maps, plans, engravings, Arundel prints, and five thousand photographs, selected for the purpose by Miss Randolph in Cairo, Athens, and the East, and the various art-centers of Europe. Much use is also made of the collection of casts, pictures and other illustrative material, belonging to the College.

The valuable books of the Art Library are rendered more available to the students, through topical references. For archæological study, in addition to recent works by Erman, Maspero, Petrie, Gardner, Lanciani and others, the publications of the Egyptian Explora-

tion Fund are received, together with the reports of the Babylonian Expedition of the University of Pennsylvania.

An annually increasing series of lantern slides afford further illustration of the subject.

ELOCUTION.

1. Breathing and voice exercises, emphasis, articulation, molding, analytical rendering.
2. Inflection, phrasing, analysis, voice development, dramatic expression.
3. Dramatic reading, gesture, extemporaneous speaking.

Second semester, two hours. Parts of Courses 1–3. MISS SPORR.

4. The Drama.

Second semester, two hours. MISS SPORR.

BIBLICAL LITERATURE.

1. (*a*) Introduction to the Gospels, with an outline study of each.
   (*b*) Historical study of the Life of Christ.
   Stevens and Burton's Harmony of the Gospels is used as a basis.

One hour throughout the year. MISS CORWIN.

2. Old Testament History. Emphasis is placed upon the progress of national life in Israel, and the development of divine revelation.

One hour throughout the year. MISS CORWIN.

3. (*a*) Apostolic History and Introduction to the Epistles.
   (*b*) The Poetical and Prophetical Books. An outline study of the historical conditions, the literary form and structure, and the development of thought.

Second semester, two hours. MISS CORWIN.

4. This course is a study of the grounds of Theistic belief.
   The study of the Gospels as illustrative of the character and claims of Jesus Christ.
   The study of the Catholic Epistles as illustrative of the Apostolic faith in the claims of Jesus Christ as Son of Man and Son of God.

First semester, two hours. MRS. MEAD.

5. History of the Christian Church from the accession of Constantine to the Reformation.

First semster, two hours. Miss Prentiss.

6. Study of the Book of Job as Literature.

First semester, one hour. Miss Corwin.

7. Greek Testament, Acts of the Apostles. Interpretation of the Greek Text, and study of New Testament Philology and Syntax.

Second semester, one hour. Miss Flint.

Courses 1 and 2 are required, also two semester hours must be elected from Courses 3 to 7 or from Hebrew Courses 1 and 2.

MUSIC.

Studies in music may be taken as electives by those pursuing a college course; one lesson each week in Theory, Organ, Piano, Violin, or Voice, with its practice or study, counting as one hour of college recitation; two lessons each week, or one each of any two of the above courses, counting as two hours.

Music may be elected by students in the academic department without special previous preparation.

Music may also be taken as a special course by those not otherwise connected with the College. Such students, however, must be at least sixteen years of age, must have graduated from a standard high school or have taken its equivalent work, and must be satisfactory to the board of examiners.

Such special music students are requested to prepare for examination in the following works:—

Theory.— Gow's Structure of Music, Part I.

Piano.— Technical Exercises by Edwin B. Story; Cramer's Etudes, Book I.; Hasert, Op. 50, Book I; the easier Sonatas of Haydn and Mozart; Mendelssohn's Songs without Words.

Organ.— Allen's Themes with varied Basses, from Schneider; Allen's fifteen Selections from Fischer.

Voice.— Marchesi's Vocalises; Songs from the best German, English, or American composers.

Violin.— C. N. Allen's Etude-Album.

The study of theory is required of all who take music courses.

Regular college students studying music must do one year's work in Harmony at some time during their college course.

Aside from private lessons there are classes in voice training and sight reading, giving thorough study in notation signs, scales, intervals, and rhythm.

The notation class is free of expense, and open to all students.

A Choral Club has weekly rehearsals conducted by the musical director.

These classes aim to prepare students to sing intelligently in quartette or choral work or to teach music in public schools.

No student is expected to study music for a shorter time than one half year. Tuition for the half year must be paid in advance.

Recitals, public concerts, and lectures upon musical subjects are given during the year.

A fine concert organ, the recent gift of Hon. and Mrs. William Whiting of Holyoke, has been placed in the chapel. It is of the most modern type and was built by George S. Hutchings of Boston. It has three manuals, an electric pneumatic action, with a movable key desk and an unusual number of accessory combinations and couplings. This organ will not only be an inspiration to all College chapel worship, but will be an immediate stimulus to the students in the music department.

Expenses.— For every student, regular or special, one lesson per week for year of thirty-six weeks: —

Organ, piano, violin, or voice, ...	$50 00
Harmony or theory in class, ...	15 00
Class lessons for vocal drill, ...	10 00
Use of piano one hour daily, ...	15 00

DRAWING.

1. Perspective; Drawing from Casts(Plant forms and Ornament); Principles of Design; Collateral Reading.

   An illustrated paper on Perspective is prepared by each student.

   First semester, two hours. MISS WORDEN.

2. Drawing from Casts and from Still Life; Study of Historical Ornament; Collateral Reading; Original Decorative Designs; Outdoor Sketching; Modeling in Clay.

A paper is prepared on Decorative Art by each student.

Second semester, two hours. MISS WORDEN.

3. Drawing from the Antique; Drawing from the model in Costume; Composition in Art; Collateral Reading; Original Composition; Outdoor Sketching; Artistic Anatomy.

   A paper on some assigned Art Topic is prepared by each student.

First semester, two hours. MISS WORDEN.

4. Second semester (continuation of Course 3).
5. Drawing from Life; Artistic Expression; Illustration; Principles of Decorative Design; Collateral Reading; Original Illustrations and Compositions; Outdoor Sketching.

First semester, two hours. MISS WORDEN.

6. Second semester (continuation of Course 5).

Lectures are given on Perspective, Composition, Illustrative, Decorative and Pictorial Art, and current Art Topics.

A Sketch Club meeting once a week is open to all.

MISS WORDEN.

PAINTING.

Painting from Still Life; Exercises in Composition; Outdoor Sketching.

MISS NOBLE.

Lectures: —

1. Theory and Philosophy of Painting; History of Greek, Roman, and early Italian Painting.
2. History of later Italian Painting; Spanish and Flemish Schools.
3. History of the Dutch, German, and English Schools.
4. History of French School; Painting in America.

MISS NOBLE.

These lectures are illustrated by several hundred choice photographs.

One lecture and two hours of painting each week constitute a one hour elective; One lecture and five hours of painting, a two hour elective.

Instruction in drawing and painting is given to the regular students without charge.

PHYSICAL CULTURE.

The resident physician gives attention to the health of the students, who have daily opportunities to consult her at the dispensary, free of charge. Under her direction each student is examined on entrance to the College. Her heart and lungs are tested, and information solicited concerning the habits and general health. Careful measurements are taken by the director of the gymnasium that any lack of development may be discovered, and from these data a card of exercise is made for each individual.

The eclectic system employed seeks to secure the harmonious development of all parts of the body. Particular attention is given to correct carriage and easy muscular play.

Attendance at regular work in Gymnastics is required during three half hours a week from all members of the three lower classes unless regularly excused. Elective work is offered to the Senior class.

TEACHERS' COURSE.

Teachers over twenty years of age, who have taught at least one year, may pursue any courses of study for which they are prepared, in connection with the regular classes of the College. They must meet the entrance requirements for the regular course, either by examination or certificate from an accredited school.

Opportunity is also offered to graduates of other colleges who desire to pursue a special line of advanced study.

All such candidates must present to the President testimonials of approved character.

Certificates of the work accomplished will be given when desired.

After students in the College Course have been received, these candidates for *special* work may be accommodated in the buildings as far as possible. The price of board in private families is about five dollars per week.

BUILDINGS.

Mary Lyon Hall occupies the site of the original building destroyed by fire in September, 1896. It consists of the chapel for daily worship, furnished with a fine, modern, three manual organ for church and concert use. The Hall also contains the reading room and a suite of music rooms, with a larger room for class instruction in music. In the other section of the building are included administrative offices, post office, and a large assembly hall to meet the social needs of the College. There is also a fine studio for classes in painting.

Library and Reading Room.— Though the library began with the institution, it was not until 1870 that it had its own fireproof building. At that time the gift of $10,000 for books from Mrs. Henry F. Durant gave the library an impulse which it has never lost. In 1887, the building was enlarged so as to be capable of shelving 35,000 volumes. A second tier of cases in the "annex" would provide for many more.

The present number of volumes is over 17,000; and some five or six hundred are added each year, with careful adaptation to the needs of the various departments of study. The best books of general reference are likewise provided. The library is open daily from 8 A.M. till 9 P.M. The students have direct access to the shelves, aided by card catalogues of authors and subjects, as well as by the personal help of the librarian and assistants. There are also small department libraries in the various laboratories.

The new reading room in the basement of Mary Lyon Hall is pleasantly fitted up, and well supplied with papers and magazines, including many foreign ones. The whole number of magazines regularly received is over one hundred and twenty, in the various lines of natural science, philosophy, history, sociology, philology, literature, and Bible study. The library is exceptionally rich in sets of bound periodicals.

The library fund now consists of the following donations: $1,000

given many years ago by Mr. Charles Boswell of West Hartford, Conn; $3,000 from the estate of Miss Fanny Church, a graduate of 1853, and $6,000 from the estate of Rev. Dr. Kirk of Boston, for many years president of the board of trustees.

Gifts, whether in aid of some department designated or for the library in general, will be welcome.

The excellent city library of Springfield is available for the use of students.

Lyman Williston Hall. — The art gallery occupies the upper floor of this building, including a central hall with adjacent rooms. Among its treasures are paintings by Bierstadt, Edwin White, George Inness, Robert Kluth, and other well known American artists.

The old masters are represented by copies from Giotto, Fra Angelico, Raphael, Titian, Guido Reni, Domenichino, Murillo, Rembrandt, and others. The History of Art is further illustrated by casts of antique marbles, by ancient coins and bronzes, and by photographs and engravings. Through lack of room and suitable space for mounting, a fuller series of casts in Greek Art, of which there is great need, and toward which a fund is now available, cannot, as yet, be added to the collection. The immediate demand for an Art Building is evident, to accommodate the required supply of new appliances, as well as to place to better advantage the present equipment for the historical and technical study of art.

Among the latest additions to the art gallery is the costly French publication of the Sidon Sarcophagi, the generous gift of the late Mrs. Cora Welch van Millingen, of the class of '59. The handsome folio plates, fifty in number, some of them in colors, richly demonstrate the beautiful effects of polychrome decoration in relief sculpture, as practiced by the Greeks.

On the second floor of Williston Hall are class rooms for several departments, the geological and mineralogical cabinets, and the zoölogical museum.

The laboratories and lecture rooms of Botany and Zoölogy are on the first floor, as are the herbarium and botanical museum. The latter contains representative collections of woods, seeds, seed-vessels, and a valuable economic collection. The working library common to

the two departments adjoins the laboratories and contains upwards of eight hundred carefully selected works of reference and the more important periodicals. The laboratories are large, well lighted, and equipped with microscopes, microtomes, charts, models, and other apparatus necessary to practical work ; each table is furnished with appliances for running water after Göttingen laboratory models. In the basement are preparation rooms and the aquarium for the observation of living animals and study of aquatic plants.

Botanical Garden and Plant House. — The botanical garden, covering about one acre, occupies the slope toward the lake, east of Williston Hall, and is easily accessible to the laboratories ; it adds materially to the facilities for botanical work, especially in cultivated aquatic plants in the series of artificial ponds lately added. It is expected that funds will be at hand in the immediate future to replace wholly the lost plant house, so necessary to the maintenance of the botanical garden, and the work of the department.

A section fifty feet long of the proposed plant house has been completed, with ample potting house. This furnishes material for winter use and has made possible the beginning of work in floriculture.

Lydia Shattuck Hall. — The Department of Physics occupies rooms on the first floor of this building. Besides the lecture room, which is capable of seating one hundred students, and a large general laboratory, there are smaller rooms for work in light, electricity, and photography. There are also a reading room and library, a private study, and a room for apparatus. In the basement, a workshop has been fitted up, and a constant temperature room arranged.

The second and third floors of this hall are designed for the use of the Chemical Department. A large lecture room, with its convenient table, and a hood and preparation room in the rear, are well arranged for the illustration of lectures. Two laboratories are equipped for work in general chemistry and in qualitative analysis, while a third is fitted for quantitative and organic work. Besides these, there are a smaller laboratory, a hydrogen-sulphide room, a balance room and store room ; also a professor's study and private laboratory.

The Observatory. — The John Payson Williston Observatory contains a fine equatorial telescope with an eight-inch object glass, also a meridian circle, astronomical clock, chronograph, sextant, spectroscope, and other appliances.

The equatorial is one of Clark's best and is fitted up with clock-work, finding clock, filar and ring micrometers, spectroscope, solar eye-piece, etc. The meridian circle is by Fauth & Co. It has a telescope of three inches aperture, and circles of sixteen inches diameter reading to seconds by two microscopes. It has also a latitude level and micrometer adapting it to zenith telescope work.

Dormitory Halls. — Five dormitory halls have been erected during the past year for the accommodation of students and faculty: Mary Brigham Hall, a memorial presented by the alumnæ of New York and Brooklyn; Safford and Porter Halls; Pearsons Hall, given by Dr. D. K. Pearsons of Chicago; and Rockefeller Hall, the gift of Mr. John D. Rockefeller.

The students and teachers in each dormitory constitute a private family whose domestic life is under the superintendence of a matron. All the halls are heated by steam and lighted by gas, and the students' rooms are appropriately furnished.

In order that the expenses of the college year may be as low as possible, every student has a share in the care of the household. The time for this service does not exceed fifty minutes daily.

Each student furnishes her own towels, napkins, linen for single bed, and a pair of blankets; also two teaspoons and a dessert spoon.

EXPENSES.

The price of tuition for all students, regular and special, is $100 for the year, including all branches except music. Board and tuition are $250 per year. All payments are required in advance. One half the sum, $125, is due Thursday, September 15, 1898, and the balance, $125, on or before Thursday, January 5, 1899. A charge of five per cent. for the year will be added to each installment if unpaid after ten days.

For instruction in music see page 47.

Laboratory fees vary from three to five dollars a semester.

Washing is about sixty cents per dozen pieces.

An extra charge is made for meals sent to rooms.

If the student is compelled by illness or other necessity to leave the College before the end of the year for which she entered, the charge will be not less than ten dollars per week for the time spent at the Institution. It is preferred that payment should be made in checks on some bank in Boston or New York. These should be drawn for the exact amount, and should be made payable to the Treasurer, A. L. Williston. If sent by mail, they may be, for convenience, inclosed to the President.

The College buildings will be closed during all vacations.

SCHOLARSHIPS.

A limited number of Annual Scholarships for partial remission of tuition have been established to assist needy and deserving students in regular courses on certain conditions. A satisfactory written statement from persons not related should accompany each application, stating that such aid is necessary.

The following scholarships have been endowed : —

The George Merriam Scholarship of $1,000, established in 1875, by George Merriam of Springfield, Mass.

The R. R. Graves Scholarship of $5,000, established in 1877, by R. R. Graves of New York.

The Catherine B. Smith Scholarship of $1,000, established in 1879, by Mrs. Catherine B. Smith of Springfield, Mass.

The Homer Merriam Loan Fund of $5,000, established in 1882, by Homer Merriam of Springfield, Mass. The income of this fund is applied by loan.

The Elizabeth Fobes Scholarship of $1,000, established in 1883, by Miss Elizabeth Fobes of Enfield, Mass.

Education Fund of $5,000, established in 1883, by "an unknown friend."

Education Fund of $500, established in 1883, by Mrs. William E. Dodge of New York.

The J. H. Southworth Scholarship of $10,000, established in 1883 and 1889, by J. H. Southworth of Springfield, Mass.

Education Fund of $1,000, established in 1884, by Mrs. Cornelia Richards of Oakland, Cal.

The Edward Smith Scholarship of $5,000, established in 1884, by Edward Smith of Enfield, Mass.

The Goodnow Scholarship of $5,000, established in 1887, by E. A. Goodnow of Worcester, Mass.

The Mary M. Stevens Scholarship of $5,000, established in 1889, by Mary M. Stevens of Plainfield, N. H.

The Mary Lyon Dame Hall Fund of $2,000, established in 1891, by Mrs. Mary Lyon Dame Hall of New York.

The Palmer Southworth Scholarship of $1,000, established in 1892, by Mrs. Jennie Southworth Welles of Taunton, Mass.

The Cecilia L. Williston Scholarship of $5,000, established in 1892, by Mrs. Cecilia L. Williston of Northampton, Mass.

The Taylor Scholarship of $1,000, established in 1893, by Mrs. Horace Fairbanks of Saint Johnsbury, Vermont.

The Harriet N. Wilcox Scholarship of $1,000, established in 1894, by bequest of Miss Harriet N. Wilcox of Berlin, Conn.

The William W. Bradstreet Education Fund of $2,000, estab-

lished in 1894; the income for the use of students from Gardiner, Maine, under certain restrictions.

The Elizabeth Temple Webb Scholarship of $5,000, established in 1894, by Rev. E. B. Webb, D.D., of Wellesley, Mass.

The Elizabeth A. Westcott Scholarship of $1,000, established in 1895, by Mrs. Elizabeth Aldrich Westcott of Hopedale, Mass., in memory of two little granddaughters.

The C. T. Mills Scholarship of $1,000, established by Rev. Cyrus T. Mills of Mills College, California.

The Fidelia Field Scholarship of $5,000, established in 1896, by Mr. J. N. Field of Manchester, England.

The Gallup Scholarship of $6,000, established in 1896, by bequest of Mrs. Marilla Houghton Gallup of Clinton, N. Y.

The Charlotte Ferris Anderson Scholarship of $1,000, established in 1897, by A. C. Anderson of St. Paul, Minn.

The Abby Van Ness Scholarship of $2,000, established in 1897, by bequest of Francis Van Ness of Stuyvesant, N. Y., in memory of his daughter.

The Helen Day Gould Scholarship of $5,000, established in 1898, by Miss Helen M. Gould in memory of her mother.

STUDENTS.

GRADUATE STUDENTS.

Berry, Grace Ella, B.S.	Newburyport.
Donaldson, Jessie Battershall, B.L.	Ellenville, N. Y.
Gibbons, Vernette Lois, B.S.	Franklin, N. Y.

SENIOR CLASS.

Adams, Kate Ellis, L.	Wethersfield, Conn.
Agard, Katharine Maria, C.	Tolland, Conn.
Aldrich, Lena May, C.	East Douglas.
Andrea, Elizabeth Rhena, C.	New Haven, Conn.
Babb, Emily Augusta, C.	Holden.
Baldwin, Jessie May, C.	Willimantic, Conn.
Barber, Harriet Sophia, C.	Warsaw, N. Y.
Bissell, Alma Ward, C.	Brimfield.
Blackstock, Mary Irene, C.	Auburn, N. Y.
Burleigh, Nettie Caroline, L.	Vassalboro, Me.
Calder, Helen Barnetson, S.	Hartford, Conn.
Campbell, Harriet, C.	Auburn, N. Y.
Carter, Emma Downs, L.	Huntington, N. Y.
Congdon, Harriet Rice, C.	Wyoming, N. Y.
Dickinson, Ella Sill, C.	Rockville, Conn.
Eaton, Mabel Leta, C.	Collinsville, Conn.
Emery, Mary Louise, C.	Warsaw, N. Y.
Geddes, Margaret Sproul, L.	Williamsport, Penn.
Grady, Florence Josephine, C.	Trenton, N. J.
Hall, Mary Elizabeth, S.	Salt Lake City, Utah.
Hapgood, Della Edith, C.	Peru, Vt.
Hathaway, Bertha Florence, C.	Stoughton.
Hayden, Celia Main, L.	Columbus, Ohio.
Hirst, Sara Jeanette, S.	Paola, Kan.
Holton, Grace Burnette, L.	South Framingham.
Hyde, Bertha Child, S.	Rockville, Conn.

Jay, Carrie Belle,	L.	Saint Marys, Ohio.
Lasell, Gail,	C.	New York City.
Latimer, Anna Cornelia,	L.	New Britain, Conn.
Lovejoy, Sara Cutts,	L.	Haverhill.
McLaren, Grisell McFarlane,	L.	Cleveland, Ohio.
Mitchell, Bessie Arabelle,	C.	Acworth, N. H.
Mix, Gertrude Demorest,	S.	Farmington, Conn.
Morse, Kate Niles,	C.	Haverhill.
Nell, Cora,	C.	Rochester, N. Y.
Peck, Margaret Frances,	C.	Madison, N. J.
Percival, Mary,	L.	Auburn, Me.
Pettengill, Lillian,	L.	Haverhill.
Post, Estelle Louise,	L.	New York City.
Purington, Emily,	C.	South Hadley.
Richards, Mae Lucy,	C.	Unionville, Conn.
Robinson, Mabel Stuart,	C.	North Andover.
Roeth, Natalie Sophia,	S.	Meriden, Conn.
Rogers, Emma Gertrude,	L.	New Britain, Conn.
Rolston, Martha Brown,	L.	Worcester.
Seymour, Mary Frances,	C.	West Winsted, Conn.
Smith, Emily Lucy,	L.	Worcester.
Smith, Margaret Helena,	L.	East Orange, N. J.
Stebbins, Jessie Waldo,	L.	Fishkill-on-Hudson, N. Y.
Stevens, Caroline Clarke,	C.	Cincinnati, Ohio.
Stowe, Mary Elizabeth,	C.	Scitico, Conn.
Stowell, Elizabeth Davidson,	L.	Charlestown.
Strong, Carolyn Amelia,	L.	East Orange, N. J.
Syvret, Clara Maud,	L.	Worcester.
Wiard, Bertha Louise,	L.	New Britain, Conn.
Wood, Edith Holmes,	S.	East Boston.
Woodward, Elizabeth Ware,	S.	Jamaica Plain.

JUNIOR CLASS.

Allen, Mary Williams,	L.	Hartford, Conn.
Andrews, Florence May,	S.	Lynn.
Bidwell, Alice Townsend,	L.	Freeport, Ill.
Bishop, Elizabeth Alice,	C.	Warsaw, N. Y.
Blanchard, Carrie Edna,	C.	Ascutneyville, Vt.

Booth, Daisy Agnes, L.	Bristol, Conn.
Broeksmit, Eugenie, L.	Cedar Rapids, Ia.
Chase, Alice Ward, L.	Hartford, Conn.
Clancy, Lota Norton, L.	Gilead, Conn.
Clark, Florence Elisabeth, C.	Farmington, Conn.
Cobleigh, Maude Gertrude, C.	South Gardner.
Davis, Alice Stevens, C.	West Gardner.
Day, Emma Shepherd, C.	Gardiner, Me.
Dean, Fanny, L.	Amsterdam, N. Y.
Devereux, Harriet Sherman, L.	Castine, Me.
Doane, Susan Helen, C.	Holyoke.
Dow, Susan Lydia, L.	Bolton.
Drew, Isabel Rice, L.	Sharon.
Edwards, Sarah Cornelia, C.	Metuchen, N. J.
Erskine, Ella Frances, S.	East Boston.
Farrington, Ella Marian, C.	Portland, Me.
Fitch, Mabel Ida, S.	Kansas City, Mo.
Fox, Alice Annette, C.	West Springfield.
Gaylord, Cassie Evelyn, C.	South Hadley.
Gilnack, Lilla Eliza, C.	Rockville, Conn.
Granniss, Laura, L.	Pequabuck, Conn.
Haight, Ruth Wood, L.	Binghamton, N. Y.
Hall, Helen Mary, C.	Manchester, N. H.
Hallock, Frances Adelia, L.	Steubenville, Ohio.
Hammond, Marion Isabelle, L.	Fishkill-on-Hudson, N. Y.
Hillhouse, Sarah Eliza, C.	Willimantic, Conn.
Hodgdon, Mary Frost, C.	Westbrook, Me.
Hume, Adaline Meech, C.	Warsaw, N. Y.
Ives, Sue Bennett, L.	New Haven, Conn.
Johnson, Edina May, S.	Winsted, Conn.
Kelso, Jennie, S.	Bellevue, Ia.
Lawson, Susie Minerva, S.	Union, Conn.
Learned, Grace Whitney, C.	Kyoto, Japan.
Leavitt, Mary Augusta, C.	Somerville.
Leiter, Susan Brown, S.	East Clarence, N. Y.
Magrath, Marguerite Ursula, S.	East Boston.
Mallory, Clara Frances, C.	West Hartford, Conn.
Matson, Marie Isabelle, L.	Chicago, Ill.

McKinley, Grace Howe,	L.	Canton, Ohio.
Mellish, Bertha Lane,	C.	Killingly, Conn.
Mendum, Caroline Hendley,	C.	Hingham.
Miles, Jennie Ethel,	L.	Bristol, Conn.
Mohn, Martha Adele,	L.	Beverly, N. J.
Morse, Lilla Frances,	L.	St. Johnsbury, Vt.
Mower, Anna Louise,	L.	Morrisville, Vt.
Nettleton, Amy Augusta,	C.	Washington, Conn.
Newton, Helen Florence,	S.	Woodbridge, Conn.
Owen, Julia French,	C.	Barton, Vt.
Page, Caroline Elizabeth,	L.	Littleton, N. H.
Partridge, Charlotte Louise,	C.	Augusta, Me.
Paterson, Kate Elizabeth,	L.	Montreal, Can.
Peabody, Anna Howe,	S.	Danvers Center.
Pinney, Josephine Eunicia,	L.	Rockville, Conn.
Plumb, Carrie Louise,	L.	Terryville, Conn.
Robinson, Alice Leavitt,	C.	Winchester.
Roraback, Maria Louise,	L.	Canaan, Conn.
Sage, Lillian Belle,	S.	Norwich, N. Y.
Sargent, Bessie Cleveland,	L.	Methuen.
Sawyer, Martha Frances,	L.	Winchendon.
Schuyler, Mary Eloise,	L.	Everett, Penn.
Shearer, Katherine Lillian,	C.	New York City.
Sinclair, Janet,	L.	Charlestown.
Smith, Eva Frances,	C.	Huntington, N. Y.
Sturtevant, Clara Loomis,	C.	Ware.
Turner, Jennie Dorcas,	L.	Housatonic.
Vickery, Myra Frances,	L.	Bangor, Me.
Wayave, Antoinette Francoise,	C.	Corning, N. Y.
Whittemore, Bertha,	L.	Winchendon.
Williams, Elizabeth,	L.	Corning, N. Y.
Williams, Ethel,	L.	Milford.
Wilson, Carolyn Edith,	L.	Haverhill.
Woodman, Mary Milton,	C.	West Lebanon, N. H.
Yegashira, Hide,	L.	Nagasaki, Japan.

SOPHOMORE CLASS.

Adams, Angeline Peck, S.	Arlington.
Allyn, Louise, L.	Bristol, Conn.
Armington, Bessie Brigham, C.	Dorchester.
Arnold, Ruth Stewart, L.	Cambridge.
Bailey, Mary Abigail, L.	Lawrence.
Ball, Margaret Elizabeth, L.	Brockton.
Bardwell, Ethel Hannah, S.	Greenfield.
Barker, Abbie Cogswell, L.	Cedar Grove, Me.
Barton, Eva Ruth, L.	Stoneham.
Beach, Grace Eldridge, L.	New Haven, Conn.
Belcher, Alice Emeline, L.	Pepperell.
Boyd, Essie Winning, L.	Martin's Ferry, Ohio.
Bradford, Mary Alice, L.	Charlestown.
Bradley, Susan Mary, L.	Roslindale.
Bradstreet, Ethel Maria, C.	Danvers.
Browne, Alice Seymour, C.	Cambridge.
Canada, Mabel Augusta, L.	New Haven, Conn.
Carpenter, Alice Elizabeth, L.	Monson.
Chamberlain, Florence Edna, L.	Springfield.
Collins, Agnes Louise, L.	Amesbury.
Crane, Minnie Wurth, L.	Omaha, Neb.
Curtis, Clintie Delafield, L.	Jersey City, N. J.
Davis, Marinda Polly, C.	Acworth, N. H.
Dodge, Harriet Hazen, L.	Hyde Park.
Dougherty, Ida Marion, C.	Fairport, N. Y.
Douglas, Helen, L.	Peoria, Ill.
Dunning, Elizabeth Meredith, C.	Franklin.
Durward, Alice, C.	Claremont, N. H.
Evans, Helen, L.	Circleville, Ohio.
Evans, Nannie Jefferson, L.	Troy, Ohio.
Fairbanks, Winifred Luella, L.	Gardner.
Field, Alice Carey, C.	Worcester.
Foster, Frances Richmond, C.	Hingham.
Foster, Marion, C.	Auburndale.
Gaylord, Gertrude Elizabeth, C.	South Hadley.
Gould, Myrabel Josephine, S.	Greenfield.

Graham, Minnie Almira,	C.	Lockport, N. Y.
Guild, Eleanor Wilmot,	L.	Walpole.
Hammond, Grace Twemlow,	L.	Fishkill-on-Hudson, N. Y.
Harrington, Jessie Leota,	C.	Hull.
Haskell, Edith Stone,	L.	Hyde Park.
Hazen, Helen Augusta,	C.	Plainfield, N. J.
Howe, Grace Adeline,	L.	Gardner.
Hunt, Charlotte,	C.	Chappaqua, N. Y.
Huntress, Verena,	C.	Amherst.
Jackson, Helen,	C.	Andover.
Jordan, Susie Mary,	C.	North Windham, Me.
Juliand, Cornelia Emma,	C.	Greene, N. Y.
Kendall, Helen Idella,	C.	Walpole.
Kendrick, Mary Katherine,	L.	St. Louis, Mo.
Kimball, Eleanor Rosannah,	L.	Worcester.
Knight, Jennie Louise,	S.	Leicester.
Lane, May Rogers,	C.	Hyde Park.
Long, Eleanor Jennings,	L.	Easton, Penn.
Masters, Mabel Edna,	L.	Springfield.
McConnell, Lilian Brown,	L.	Merrimac.
McLean, Emma Jane,	L.	Rockville, Conn.
Mead, Belle Louise,	L.	Greenwich, Conn.
Mead, Louise Celestia,	L.	Round Hill, Conn.
Merwin, Grace Hollister,	L.	New Milford, Conn.
Meserve, Bertha Niles,	L.	Allston.
Miller, Emily Mulford,	C.	Floral Park, N. Y.
Moore, Sara Elizabeth,	C.	Gardiner, Me.
Mudge, Mary Brown,	C.	Danvers Center.
Murdock, Julia Frances,	L.	Port Henry, N. Y.
Nims, Elizabeth Theresa,	C.	Leominster.
Northrop, Ola Mae,	L.	Palmer.
Ober, Ethel Clarke,	C.	Foxcroft, Me.
Parsons, Sylvia Boyden,	L.	Conway.
Perry, Mabelle Jeanne,	C.	Springfield.
Potter, Estelle,	L.	Worcester.
Roberts, Amy Sarah,	L.	Hanover, N. H.
Robinson, Mary Louisa,	C.	Fort Mitchell, Ala.
Rodgers, Anna Hendricks,	C.	Albany, N. Y.

Sanborn, Faith, C.	Woodstock, Conn.
Sargent, Florence Gertrude, C.	Putnam, Conn.
Schlotzer, Bertha Maria, L.	Gowanda, N. Y.
Seward, Myra, L.	Putnam, Conn.
Smith, Tirzah Snell, C.	Jaffna, Ceylon.
Storrs, Marion, S.	Mansfield, Conn.
Sweetser, Adelaide Estelle, C.	Saco, Me.
Taber, Sarah Pearl, C.	Holyoke.
Teel, Winifred Ross, L.	Wells Beach, Me.
Turner, Edith Olive, L.	Coventry, Conn.
Tuxbury, Emma Louise, L.	Haverhill.
Wade, Edith Sutliffe, L.	Verdoy, N. Y.
Wadhams, Mary Harriet, L.	Goshen, Conn.
Waite, Bertha Belle, L.	Adams, N. Y.
Waite, Wilhelmina Louise, C.	Boston.
Warner, Edyth Welles, L.	Jackson, Mich.
Webber, Grace Ethel, C.	Monson.
Webster, Maud Eleanor, L.	Westfield.
Welles, Marie Wolcott, S.	Taunton.
Woodwell, Eva Cecilia, C.	Sandwich.

FRESHMAN CLASS.

Adams, Agnes Eliza, C.	Walla Walla, Wash.
Aitken, Margaret Flemming, C.	Woodstock, Vt.
Alden, Ida Grace, L.	Springfield.
Alden, Rose, L.	Orange, N. J.
Aldrich, Mertie Mae, L.	Hallowell, Me.
Ammidown, Eva Blossom, S.	Roslindale.
Annis, Lena Elizabeth, L.	St. Johnsbury, Vt.
Armington, Edith Wood, L.	Worcester.
Babbitt, Florence Evelyn, C.	St. Albans, Vt.
Bacon, Grace Mabel, L.	Springfield.
Baldwin, Marjorie Elizabeth, L.	Fitchburg.
Bancroft, Georgia Mabel, L.	Worcester.
Barron, Rena Emma, C.	South Gardner.
Bates, Anna Lincoln, L.	Windham, Conn.
Bates, Sara Lucy, C.	Pittsfield, Ill.

Bell, Alice Harlow, C.	Bristol, R. I.
Bell, Frances Freeman, C.	Granby.
Berry, Mary Florence, C.	Portland, Me.
Bettes, Emily Lucretia, L.	Springfield.
Bigelow, Amy Woodworth, C.	Norwood.
Bliss, Edith Georgianna, L.	Worcester.
Boa, Carrie Agnes, L.	Kingsley, Ia.
Bowerman, Helen Cox, C.	Rochester, N. Y.
Bright, Mary Elsie, L.	Franklin.
Brown, Edith Abigail, L.	Winthrop.
Burnap, Ella Lucinda, L.	Fitchburg.
Burnham, Ellen Caroline, C.	North Windham, Conn.
Chambers, Agnes Eleanor, L.	Jacksonville, Ill.
Chapman, Florence Maria, L.	Saybrook, Conn.
Clark, Grace Stevens, C.	Farmington, Conn.
Clarke, Josephine Augusta, C.	Northbridge.
Cole, Jean Dean, C.	Albany, N. Y.
Copeland, Jennie Freeman, L.	Mansfield.
Cossitt, Sara Catherine, L.	Claremont, N. H.
Covell, Emily Louise, L.	Glastonbury, Conn.
Crawford, Nellie May, C.	Warsaw, N. Y.
Cunningham, Helen, L.	Cadiz, Ohio.
Dack, Ethel Margaret, C.	Peacham, Vt.
Davenport, Alice Gertrude, C.	North Grafton.
Deacon, Laura, L.	Cedar Rapids, Ia.
Demarest, Sarah Forsyth, L.	Hackensack, N. J.
Dudley, Sophia, L.	North Guilford, Conn.
Dyson, Harriette Zelda, L.	Westfield.
Ellis, Gertrude Catherine, S.	Keene, N. H.
Fairbanks, Cornelia Taylor, L.	St. Johnsbury, Vt.
Farwell, Minnie Gregory, C.	Hyde Park.
Garetson, Katherine Griffith, C.	St. Louis, Mo.
Gay, Eva Berthoud, C.	Norwood.
Gilbert, Mabel Riedelle, S.	Middletown, Conn.
Glen, Anna Low, C.	Elizabeth, N. J.
Goodenough, Gertrude Lillian, L.	Winchester, Conn.
Goodnow, Jessie Emeline, L.	East Jaffrey, N. H.
Griffin, Bertha Louise, L.	Winthrop.

Hall, Katharine Woodbury,	L.	Allston.
Hamilton, Anne Thompson,	L.	State College, Penn.
Hapgood, Susie Loraine,	L.	Peru, Vt.
Harmon, Helen,	C.	Somersworth, N. H.
Harris, Clara Jane,	C.	South Amherst.
Harris, Lucy Gerrish,	L.	Ipswich.
Hazen, Harriet Matilda,	C.	Middletown, Conn.
Healey, Elizabeth Pickering,	L.	Bridgewater.
Higgins, Edith Carleton,	C.	Omaha, Neb.
Hill, Florence,	C.	Pittsfield.
Hirst, Clara Adele,	C.	Paola, Kan.
Hoffmeier, Mary Kathrene,	C.	Mount Pleasant, Md.
Horton, Lily Elno,	L.	Cedar Rapids, Ia.
Hull, Ethelyn Luella,	C.	Madison, Conn.
Jackson, May Stone,	L.	Keene, N. H.
Judd, Mabel Louise,	L.	Holyoke.
Kee, Olive Allan,	L.	East Boston.
Keenan, Margaret Frances,	L.	Mattapan.
Kendall, Jane Louise,	C.	Weymouth Heights.
Kenyon, Ruth Sabin,	C.	Putnam, Conn.
Kershaw, Polly,	L.	Sterling.
Klein, Margaret Amelia,	C.	Hancock, N. Y.
Langendorf, Elizabeth,	L.	Camden, N. J.
Leavitt, Caroline Frances,	C.	Somerville.
Lewis, Edith Emily,	L.	Jackson, Mich.
Lintner, Maude Clarice,	L.	Fort Plain, N. Y.
Locke, Florence,	L.	Brockton.
Lyman, Bertha Holland,	L.	Fall River.
Lyman, Helen Mowry,	S.	West Brookfield.
Mason, Emmeline Elona,	L.	Fall River.
Mason, Mary Belden,	C.	Suffield, Conn.
Matthews, Helen Lois,	L.	Philadelphia, Penn.
May, Frances Elizabeth,	C.	Lee.
McDonald, Gertrude Eleanor,	L.	Reedsville, Penn.
McKinney, May,	C.	East Orange, N. J.
Merwin, Florence Sophia,	L.	New Milford, Conn.
Moore, Anna Hedden,	C.	Lowville, N. Y.
Morse, Lillian Eliza,	C.	Norwood.

Oakley, Mary Forest, C.	Brooklyn, N. Y.
Ogden, Anna Laura, S.	Penn Yan, N. Y.
O'Hara, Annie Pierce, L.	Winthrop.
Oliver, Eleanor, L.	Westfield, N. J.
Osgood, Ethel Stirling, L.	Portland, Me.
Parsons, Louise Rockwell, C.	Lenox.
Phillips, Florence May, C.	West Somerville.
Phipps, Winifred Williams, L.	Prospect, Conn.
Pierce, Ethel Rosetta, L.	St. Johnsbury, Vt.
Potwin, Elizabeth Bartlett, C.	East Windsor, Conn.
Reed, Edith Huntington, S.	Westfield.
Reynolds, Julia Curtis, C.	St. Albans, Vt.
Rising, Laura Pratt, L.	West Pawlet, Vt.
Roe, Annabel Catherine, C.	Worcester.
Rogers, Ella Charlotte, C.	Norwich, Conn.
Rogers, Florence Abbie, C.	Hingham Center.
Roswell, Edith Sarah, C.	Southville, Conn.
Roundy, Susan Pulsipher, C.	Rockingham, Vt.
Russell, Rowena Mary, C.	Winchendon.
Sargent, Jennie Vylena, C.	West Boylston.
Scolley, May Evelyn, L.	Holyoke.
Shaw, Ethel Elizabeth, L.	South Amherst.
Sheffield, May Elizabeth, C.	Penacook, N. H.
Shimer, Florence Catherine, L.	Phillipsburg, N. J.
Smith, Annie May, L.	East St. Johnsbury, Vt.
Smith, Bertha Eleanor, S.	South Hadley.
Southworth, Emma Reid, C.	Hingham.
Spencer, Celia May, L.	West Burke, Vt.
St. John, Anna Edith, L.	Springfield.
Steen, Margaret Service, L.	Philadelphia, Penn.
Steimer, Bessie Elaine, C.	Westfield.
Stocking, Ethel, C.	Williamstown.
Swenarton, Grace, L.	Montclair, N. J.
Thomas, Ruth Louise, C.	Worcester.
Warren, Mabel Frances, C.	Leicester.
Watson, Susie Augusta, L.	Winchendon.
Watts, Helen Louise, ·	West Barnet, Vt.
Whipple, Caroline Almira, C.	Sutton.

Whitcomb, Nina May, L.	Claremont, N. H.
White, Marian Elizabeth, C.	Worcester.
Whitney, Frederica May, C.	Greendale.
Wieand, Irma Clarissa, L.	Pottstown, Penn.
Wilder, Florence Emily, L.	New York City.
Wilson, Minnie Adams, L.	North Amherst.
Wise, Mary Cornelia, L.	Auburn, N. Y.
Wood, Helen Clough, C.	West Lebanon, N. H.

TEACHERS' COURSE.

Baier, Frances Ernestine	Wakefield, N. H.
Booth, Essie Petrie	Mongtomery, Ala.
Bunker, Julia Augusta	Brunswick, Me.
Charles, Vera Katharine	Washington, D. C.
Dean, Elizabeth Boyd	Ulysses, Penn.
Dyer, Harriet Cornelia	Fair Haven, Vt.
Edmands, Lillian Rice	Westboro.
Feltus, Zoraida	Watertown, N. Y.
Gray, Edith Goddard	Templeton.
Guilford, Nellie May	South Ashfield.
Hovey, Mary Alice	Norwich, Conn.
Libbey, Annette Weston	Gray, Me.
McPherson, Harriet Phœbe	Rockville, Conn.
Montgomery, Helen Oldham	Fort Scott, Kan.
Moore, Katherine Sophia	Gill.
Pingree, Maud Parepa	Hopkinton.
Post, Elizabeth Dickinson	Vernon Center, Conn.
Read, Effie Alberta	Haverhill.
Remington, Marion Bertha	Springfield.
Shaw, Minnie Whiting	Marlborough, Vt.
Smith, Mittie Jameson	Canandaigua, N. Y.
Streeter, Rose Louise	Bernardston.
Walker, Lucy Shackelford	Montgomery, Ala.
Weldon, Sadie Imogene	Conneaut, Ohio.

MUSIC COURSE.

Dillon, Florence Ada	Long Beach, Cal.
Esleeck, Mary Lombard	Holyoke.
Greene, Mabel Fairbank	Jackson, Mich.
Hood, Helen Gardner	Wrentham.
McCoy, Matilda Peebles	Lancaster, Ohio.
McDonald, Bessie Blake	Reedsville, Penn.
Smith, Ida Frances	West Springfield.
Stapleton, Amelia Mary	Holyoke.

Thirty students in the Academic Department are receiving instructions in music.

SUMMARY OF STUDENTS.

COURSES.

Graduate,	3
Classical,	155
Scientific,	32
Literary,	179
Teachers,	24
Music,	8
Total,	401

RESIDENCE.

The United States:		New Hampshire,	16
Alabama,	3	New Jersey,	16
California,	1	New York,	46
Connecticut,	68	Ohio,	12
District of Columbia,	1	Pennsylvania,	9
Illinois,	5	Rhode Island,	1
Iowa,	5	Vermont,	20
Kansas,	3	Utah,	1
Maine,	19	Washington,	1
Maryland,	1	*Other Countries:*	
Massachusetts,	161	Canada,	1
Michigan,	3	Ceylon,	1
Missouri,	3	Japan,	2
Nebraska,	2		401

DEGREES CONFERRED IN 1897.

BACHELOR OF ARTS.

Bates, Emeline Clark	Windham, Conn.
Campbell, Mary Frances	West Suffield, Conn.
Clark, Florence Rebecca	West Brattleboro, Vt.
Coolidge, Nettie Eveline	Framingham.
Copeland, Sara Foster	Columbus, Ohio.
Deyo, Ella Marinda	Honeoye, N. Y.
Grant, Annie Ethelwyn	Northfield, Conn.
Hill, Myra Asenath	Williamsburg.
Leavitt, Edith Wilson	Melrose.
Merriam, Grace Lewis	Mount Vernon, N. Y.
Merriam, Helen Sumner	Mount Vernon, N. Y.
Pierce, Marion	Gardiner, Me.
Stickney, Julia Hall	Washington, D. C.
Stodder, Elizabeth Thomas	Hingham.
Stone, Henrietta Caroline	Kittanning, Penn.
Tiffany, Jessie Wetmore	South Hadley.
Van Nostrand, Harriet Louise	Little Neck, N. Y.
Walker, Alice Jennie	Stafford Springs, Conn.
Ward, Mary Isabella	Amherst.
Wilson, Mary Farley	Hollis, N. H.
Wyckoff, Harriet Jane	New Brunswick, N. J.

BACHELOR OF SCIENCE.

Chatterton, Minnie Estelle	Acworth, N. H.
Clark, Elizabeth	East Peacham, Vt.
Coulter, Bertha	Danville, Penn.
Davidson, Eva Frances	Beaver, Penn.
Gay, Maud Culbertson	Terryville, Conn.
Hay, Fanny Ann	New Brighton, Penn.
Hoyt, Olive Sawyer	Augusta, Me.

Kajiro, Yoshi	Osaka, Japan.
Lamb, Marguerite Mary	Colorado Springs, Col.
Plumb, Mary Lucina	Westminster West, Vt.
Sheldon, Lena	New Britain, Conn.
Sherman, Anna Prescott	Jamaica Plain.
Woodbury, Mary Hale	Salem.

BACHELOR OF LITERATURE.

Beaman, Harriet Elizabeth	Princeton.
Benner, Carolyn Frances	Wellesley.
Bidwell, Bertha Candace	Freeport, Ill.
Carpenter, Jane Brodie	Andover.
Cheney, Alice Maria	Beloit, Wis.
Clary, Lusanna Maria	Hallowell, Me.
Estabrook, Lulu Belle	Saratoga Springs, N. Y.
Gleason, Margaret Anne	Hannibal, Mo.
Hall, Margaret Robinson	Catskill, N. Y.
Hamilton, Christine Hapgood	Kenwood, N. Y.
Haynes, Harriet Tenney	Fitchburg.
Koehler, Margaret Briggs	Penn Yan, N. Y.
Loveland, Mary Hoyt	Newark Valley, N. Y.
Mildrum, Clara Elizabeth	East Berlin, Conn.
Richardson, Annie Lucy	South Hadley.
Stevens, Louise Danforth	Newington Junc'n, Conn.
Taylor, Martha Jane	Westford.
Voorhees, Grace May	Woodbridge, N. J.
Whelden, Elizabeth Kellogg	Williamstown.
Wiggin, Mary Packard	Auburn, Me.
Williams, Freda Jeannette	New Richmond, Wis.
Woodbridge, Lydia Dudley	Duluth, Minn.

FACULTY AND OTHER OFFICERS. *

MRS. ELIZABETH STORRS MEAD, A.M., PRESIDENT,
Theism and Biblical Literature.

HANNAH NOBLE,
Painting.

ELLEN PRISCILLA BOWERS,
English Literature. Emeritus.

FRANCES MARY HAZEN,
Latin.

ELISABETH MILLER BARDWELL,
Astronomy; Director of Observatory.

ELIZABETH BARSTOW PRENTISS,
Modern History.

LOUISE FRANCES COWLES, A.M.,
Geology and Mineralogy.

MARY OLIVIA NUTTING,
Librarian.

ADALINE ELIZABETH GREEN, PH.B.,
Latin.

CORNELIA MARIA CLAPP, PH.D.,
Zoölogy.

CLARA WHITE WOOD,
Rhetoric.

HENRIETTA EDGECOMB HOOKER, PH.D.,
Botany.

MARGARETHE E. VITZTHUM VON ECKSTADT,
French Language and Literature.

MARY CLEAVELAND BRADFORD, PH.B.,
Latin.

CLARA FRANCES STEVENS, PH.M.,
English Literature and Rhetoric.

SARA A. WORDEN,
Drawing.

† MARCIA ANNA KEITH, B.S.,
Physics.

* Arranged in order of appointment.
† Absent for the year.

SARAH EFFIE SMITH, B.S.,
Mathematics.

FLORENCE PURINGTON, B.S.,
Mathematics.

MARY CHANDLER LOWELL, M.D.,
Physician and Instructor in Physiology.

LOUISE FITZ-RANDOLPH,
Archæology and History of Art.

KATHERINE ELISABETH SIHLER,
German Language and Literature.

* ALICE PORTER STEVENS, A.B.,
Rhetoric.

* MARY FRANCES LEACH, B.S.,
Chemistry.

CAROLINE BOARDMAN GREENE,
Registrar.

REBECCA CORWIN, A.M., S.T.B.,
Biblical Literature and Semitic Languages.

NELLIE AMELIA SPORE,
Elocution and Physical Culture.

HELEN CURRIER FLINT, A.M.,
Greek.

ALFRED M. FLETCHER,
Music.

HARRIET L. ELLSWORTH,
Vocal Music.

BERTHA ELIZA BLAKELY, B.L.,
Assistant Librarian.

ANNAH MAY SOULE, M.L.,
Constitutional History and Political Economy.

ELISABETH FRANCES ABBE, A.M.,
Greek.

ETHEL GORDON MUIR, PH.D.,
Philosophy.

MARGUERITE SWEET, PH.D.,
English Literature.

* Absent for the year.

NELLIE ESTHER GOLDTHWAITE, B.S.,
Chemistry.

MARY CHILTON NOYES, PH.D.,
Physics.

ELLEN CLARINDA HINSDALE, PH.D.,
German.

FRANCES CURTIS SMITH, A.B.,
French.

NETTA WILHELMINE HAFFNER, B.S.,
Instructor in Chemistry.

ABBIE HOWE TURNER, A.B.,
Instructor in Zoölogy.

GRACE ELLA BERRY, B.S.,
Instructor in Mathematics.

SERAPH A. BLISS, B.S.,
Laboratory Assistant in Physics.

ANNIE L. RICHARDSON, B.L.,
Laboratory Assistant in Botany.

VERNETTE LOIS GIBBONS, B.S.,
Laboratory Assistant in Chemistry.

JANE BRODIE CARPENTER, B.L.,
Assistant in English.

MISS AGNES T. BEMIS,
Superintendent of Domestic Department.

MISS EMILY M. EDSON,
Superintendent of North Hall.

MRS. NETTIE BARTLETT FAIRBANKS,
Superintendent of Mary Brigham Hall.

MISS ISABELLE TYLER,
Superintendent of Safford Hall.

MRS. CELESTIA S. SMITH,
Superintendent of Porter Hall.

MRS. ELMIRA W. RICE,
Superintendent of Pearsons Hall.

MRS. MARTHA A. SPARKS,
Superintendent of Rockefeller Hall.

LECTURERS AND NON-RESIDENT INSTRUCTORS.

Professor CHARLES A. YOUNG, Ph.D., LL.D., of Princeton University,
Astronomy.

Professor CHARLES H. HITCHCOCK, Ph.D., of Dartmouth College,
Geology.

Professor WALDO S. PRATT, of Hartford Theological Seminary,
History of Music.

LOUIS COENEN, of Springfield,
Violin.

STANDING COMMITTEES.

BOARD OF EXAMINERS.

S. Effie Smith,

Elizabeth B. Prentiss, Adaline E. Green,
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